

# Limited Phase II Environmental Site Assessment

*of*

4304 Temple City Boulevard  
El Monte, California



*Prepared for*





## LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

*of*

4304 Temple City Boulevard  
El Monte, California

*Prepared for*



*Prepared by*

**ALPHA ENVIRONMENTAL**

A handwritten signature in blue ink that appears to read "Saurabh Jawa".

**Saurabh Jawa**  
**Senior Environmental Engineer**



A handwritten signature in blue ink that appears to read "William A. Mitchell".

**William A. Mitchell, PG**  
**Senior Environmental Geologist**

December 24, 2012  
Project # 1211.91731.1193

**CONSULTING ENVIRONMENTAL ENGINEERS**

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## EXECUTIVE SUMMARY

At the request of East West Bank (*Client*), Alpha Environmental (Alpha) has completed a Limited Phase II Environmental Site Assessment (ESA) of the Site located at 4304 Temple City Boulevard in El Monte, California (Site). The purpose of this investigation is to evaluate if subsurface soils at the Site have been impacted by Volatile Organic Compounds (VOCs) such as PCE (perchloroethylene) and TCE (trichloroethylene) from previous on-Site and/or off-Site industrial activity. To accomplish this on December 3, 2012, Alpha drilled twenty (20) Geoprobe soil borings at the facility to a maximum depth of 15 feet below ground surface (bgs), and collected soil vapor samples at 5 and 15 feet bgs. The soil vapor samples were analyzed on-Site in a mobile laboratory provided by an independent State-certified laboratory.

The soil cuttings examined for this investigation indicated that the Site is underlain predominantly by brown silty sand to approximately 15 feet bgs (the maximum depth explored). No petroleum hydrocarbon or other chemical odors or staining were observed in any of the soil cuttings examined. Groundwater was not encountered at a depth of 15 feet bgs.

A total of 40 soil vapor samples were collected from the 20 borings (SG1 through SG20) drilled for this investigation. All soil vapor samples were analyzed for VOCs and Oxygenates using EPA method 8260B. The concentrations of PCE (ranging up to 5.4  $\mu\text{g/L}$ ), TCE (up to 3.9  $\mu\text{g/L}$ ), and 1,2-Dichloroethane (up to 0.18  $\mu\text{g/L}$ ) exceeded California Human Health Screening Levels (CHHSLs) in some soil gas samples at depths of 5 and 15 feet bgs, both for residential and commercial/industrial sites. TCE and 1,2-Dichloroethane are byproducts of the degradation of PCE over time, therefore the detected contaminants likely originate from the same source.

The Site is situated in a primarily industrial neighborhood and is currently unoccupied. It is improved with a paved open parking lot with two abandoned one-story industrial structures. It is Alpha's opinion that no further sub-surface assessment or remediation is warranted at this time based on the following:

- Considering the results of the subsurface investigation conducted by ARCADIS in February 2012, that involved soil sampling in multiple areas of concern at the Site indicated no elevated concentrations of VOCs. The concentrations did not exceed the Regional screening levels and did not warrant further investigation;
- Concentrations for PCE, TCE, and 1,2-Dichloroethane in soil vapor samples during this ESA were found to be slightly elevated as compared to CHHSLs for industrial site use. However, considerable attenuation of concentrations of PCE and TCE was noted as compared to concentration found during previous soil vapor investigations by other consultants (Glenfos, Inc.) in 2004;
- The Site is zoned for industrial use is completely paved with no structures that are enclosed or inhabitable at the present time. Hence, vapor intrusion into the building is not currently a health and safety concern.

- The Site is situated in an area of regional groundwater contamination with PCE and TCE (Superfund site). Hence, low levels of PCE and TCE found in soil vapor/gas phase at the Site are typical in this area and can be attributed to the regional impacted groundwater. As per ARCADIS, Site owners, Union Pacific Railroad (UPRR) indicated that the groundwater beneath the Site has reportedly been investigated as a part of the El Monte Operable Unit of the San Gabriel Valley Superfund site. UPRR also indicated that the groundwater issue has been settled with the United States Environmental Protection Agency (USEPA).

Alpha recommends no further investigation related to soil/groundwater at this time. However, it recommends installation of vapor barrier or other engineering controls for new and existing enclosed building structures to mitigate potential VOC vapor intrusion.

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## **1.0 INTRODUCTION**

Alpha Environmental (Alpha) has completed a Limited Phase II Environmental Site Assessment (ESA) for East West Bank (*Client*) of the property located at 4304 Temple City Boulevard in El Monte, California (Site). The purpose of this investigation is to evaluate if subsurface soils at the Site have been impacted by volatile organic compounds (VOCs) from previous on-Site and/or off-Site industrial activity. This report summarizes the project background and presents the results of the subsurface assessment conducted by Alpha on December 3, 2012.

### **1.1 Site Description**

The Site is situated on the east side of Temple City Boulevard, north of the Union Pacific Railroad tracks in the City of El Monte, Los Angeles County, California. The Site is improved with a vacant single-story commercial (former office/warehouse) building along with an associated asphalt-paved parking lot. The location of the Site is shown on Figure 1, Site Location Map and the Facility Layout is shown in Figure 2. The locations of the soil borings are shown on Figure 3, Boring Location Map.

### **1.2 Scope of Work**

The scope of work for this project was generally performed as per our proposal dated November 27, 2012; it included the following:

- Preliminary Activity**

Preparation of a Site Health and Safety Plan and notification of Underground Service Alert for utility clearance.

- Exploratory Soil-gas Borings & Analytical Characterization**

- Advancement of 20 borings to a maximum depth of 15 feet below ground surface (bgs) at the Site. Soil vapor samples were to be collected from probes set at 5 and 15 feet bgs in each of the soil borings.
  - The soil gas samples were to be analyzed for VOCs in accordance with EPA Method 8260B by an on-Site mobile laboratory.

- Report Preparation**

Preparation of a written report to summarize our findings and conclusions upon completion of the field work.

## **2.0 BACKGROUND**

A Phase I ESA report was prepared by Alpha for the subject property on September 21, 2012. In summary, Alpha's Phase I ESA identified the following environmental conditions:

- Previous environmental investigations at the Site have included soil, soil vapor and groundwater testing. The most recent investigation, a Limited Site Assessment Summary Letter Report dated February 15, 2012, prepared by ARCADIS, addressed subsurface soil concerns in 10 areas of concern including former underground storage tanks (USTs) at the Site.
- As per ARCADIS, Site owners, Union Pacific Railroad (UPRR) indicated that the groundwater beneath the Site has reportedly been investigated as a part of the El Monte Operable Unit of the San Gabriel Valley Superfund site. UPRR also indicated that the groundwater issue has been settled with the United States Environmental Protection Agency (USEPA). Based on this information, ARCADIS's investigation was limited to supplemental assessment of soil impacts only as identified during previous investigations.
- The purpose of ARCADIS assessment in 2012 was to evaluate data gaps in soil, assess potential subsurface impacts to soil, define the contaminants of potential concern at the Site and assess the lateral and vertical extent of the affected soil. ARCADIS based its sampling points on detectable concentrations of VOCs in soil and soil vapor as reported by Glenfos in 2004 and Western Environmental Engineers Co. (WEECO) in 2008.
- The results reported ARCADIS's February 2012 report indicated that concentrations of VOCs, Semi VOCs (SVOCs), Total Petroleum Hydrocarbons as carbon chains (TPH-CC), nickel, and hexavalent chromium detected at the Site did not exceed their respective residential and commercial/industrial screening criteria in soil for each analyte. Based on this data, ARCADIS did not recommend further investigation for anticipated industrial use of the Site.

However, in Alpha's opinion ARCADIS's 2012 investigation did not adequately address soil vapor concerns which were identified in 2004 by Glenfos and 2008 by WEECO. The soil vapor concentrations reported by the Glenfos exceeded current and previous regulatory screening levels and ARCADIS investigation did not include soil vapor testing. These concentration ranged from 1.9  $\mu\text{g/L}$  (microgram per Liter) to 24  $\mu\text{g/L}$ . Hence, it was Alpha's opinion that further investigation in vapor media was warranted.

Alpha had performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 of 4304 Temple City Boulevard, El Monte, California, the Site/subject property. This assessment had revealed no evidence of recognized environmental conditions in connection with the subject property, except for:

- The soil, soil vapor and groundwater at the Site has been previously impacted by VOC releases from on-Site or off-Site sources that have exceeded the regulatory screening levels. Although, the previous environmental investigations may have addressed some of the issues related to soil and groundwater, the soil vapor has not been fully investigated.

Based on the findings of this Phase I ESA and records reviewed, it was Alpha's opinion that further investigation was warranted at the time to verify soil vapor concentrations at the Site.

## 3.0 ENVIRONMENTAL SETTING

### 3.1 Regional Physiographic Conditions

The Site is located within the northwest portion of the Peninsular Ranges Geomorphic Province of Southern California. This geomorphic province extends from the Foothills of the Santa Monica Mountains to the tip of Baja California. The province consists of essentially north-south trending mountain ranges and associated valleys. The major land forms consist of bordering mountains, highlands, and foothills. Included are older flood plains and hills, and younger river, creek, and alluvial plains, and associated fan structures.

The Site is located in the south-central portion of San Gabriel Valley, which is bound by the San Gabriel Mountains on the north; the San Jose Hills on the east; the La Merced Hills, Whittier Narrows, and Puente Hills on the south; and by the San Rafael Hills on the west end of the basin. The San Gabriel River flows southwest across the eastern portion of the San Gabriel Valley, from the San Gabriel Mountains on the north. The processes that created the San Gabriel Mountains, north of the Site, also created faults in the underlying rocks of the region. These mountains are actively being eroded and sediments are carried to the San Gabriel Valley floor.

As per the Geologic Map of California, Los Angeles Sheet 1969 (Sixth printing 1991), the Site is underlain with Quaternary age *Pleistocene Nonmarine rocks*.

### 3.2 Groundwater Conditions

As per a Remedial Investigation Report conducted by AMEC Geomatrix, Inc. for the subject property on December 23, 2010, three groundwater monitoring wells E-1, E-2, and E-3 have been installed at the Crown City Plating Company facility. Two of the monitoring wells (E-1 and E-2) are located on the Site. Groundwater elevation data reported between 1990 and 1998 suggested a westward groundwater flow direction beginning in June 1997 and then reversing to an eastward flow direction in January 1998. Groundwater depth has varied over time and was first measured in 1989 in monitoring well E-1 at a depth of approximately 73 feet below ground surface (bgs).

Note that the actual groundwater flow direction is often locally influenced by factors such as underground structures, seasonal fluctuations, soil and bedrock geology, production wells, and other factors beyond the scope of this study. The actual groundwater flow direction under the Site can be accurately determined only by measuring groundwater monitoring wells, which was beyond the scope of this project.

## **4.0 ASSESSMENT**

The scope of work for the field activities consisted of developing a Site specific health and safety plan, notifying Underground Service Alert, drilling soil borings, collecting soil vapor samples from the borings, and analysis of the soil vapor samples by an on-Site mobile laboratory. These activities are described below.

### **4.1 Site Safety Plan (SSP)**

Alpha prepared a SSP to provide for the health and safety of Site personnel. The plan was based on background information obtained during our preliminary assessment of the Site. The plan describes potential physical and chemical hazards, protective equipment, specific responsibilities, and related emergency procedures. The plan was presented to Site personnel by the Site safety officer before starting assessment activities. The Site safety documentation was kept in a visible and easily accessible location during the project, so that safety procedures related to potentially hazardous conditions or an emergency could be quickly accessed. A copy of the SSP is presented in Appendix A.

### **4.2 Underground Service Alert**

On November 26, 2012, Alpha notified Underground Service Alert of Southern California to mark the locations of known subsurface public utilities that entered the Site. The reference number is A23311432.

### **4.3 Soil Borings**

On December 3, 2012, Soil-Gas Borings SG1 through SG20 were drilled at the Site at the locations indicated on Figure 2, Boring Location Map. Alpha retained Kehoe Testing and Engineering (KTE), located in Huntington Beach, California, to advance the soil borings and collect soil vapor samples using truck-mounted Geoprobe (direct push) equipment. A & R Laboratories (ARL), a State-certified laboratory located in Riverside, California, was retained by Alpha to analyze the soil vapor samples. A Senior Environmental Engineer (employed by Alpha) directed and monitored field activities, and collected soil vapor samples at approximately 5 and 15 feet bgs in all of the boring locations. The twenty boring locations were dispersed throughout the Site, based on previously established areas of concern and boring locations from former subsurface investigations conducted by other consultants.

#### **4.3.1 Sample Collection and Handling**

The soil gas survey was completed in general accordance with the California Regional Water Quality Control Board, Los Angeles Region, Advisory- Active Soil Gas Investigations dated April 2012. Soil vapor samples were obtained in gas-tight foil covered syringes. The ¼-inch polypropylene filters were attached to a 1/4" polyethylene tube with a vapor valve at the top end.

The probes were set using #2-12 Sand and bentonite granules in accordance with the regulatory guidelines. At each sampling location, an electric vacuum pump (set to draw 1.0 to 2.0 liters/minute of soil vapor at a maximum vacuum of 100 inches of water) was attached. After a purge test 1 volume, 3 volume or 10 volume, it was determined that 10 volume would be purged prior to sample collection. Samples were immediately injected into a mobile gas chromatograph brought on-site by ARL as a part of their on-site laboratory.

#### **4.3.2 Decontamination Procedures**

Prior to arriving at the Site, KTE steam-cleaned the Geoprobe drilling equipment to reduce the potential for cross-contamination during boring activities. During sampling, KTE washed the sampler, push rods, and sample tip between sampling intervals in a non-phosphate detergent solution and double-rinsed with tap water to reduce the potential for cross-contamination between sampling intervals.

For the soil vapor samples, a clean sampling probe was used at each sampling location to prevent cross-contamination. An equipment blank, using ambient air, was collected at the beginning of the day. If significant contamination had been detected, corrective actions would have been taken to identify and eliminate the source, if possible. No contamination in the blank was encountered.

#### **4.3.3 Boring Abandonment**

At the completion of soil vapor sampling, each soil boring was abandoned by backfilling with bentonite that was hydrated. The upper 2 inches of the borehole was finished to grade with concrete or asphalt patch to match the existing ground cover. No soil cuttings were generated during the field activities.

### **4.4 Laboratory Analyses**

A total of 20 borings (SG1 through SG20) were drilled for this investigation. Soil vapor samples were collected at 5 and 15 feet bgs from each boring location. All soil vapor samples were analyzed for VOCs by EPA Method 8260B.

## **5.0 FINDINGS**

### **5.1 Soil Conditions**

The soil cuttings examined during this investigation indicated that the Site is underlain predominantly by brown silty sand to approximately 15 feet bgs (the maximum depth explored). No petroleum hydrocarbon or other chemical odors or staining were observed in any of the soil cuttings examined. Groundwater was not encountered at a depth of 15 feet bgs.

### **5.2 Laboratory Results**

A total of 40 soil vapor samples were collected from the 20 borings (SG1 through SG20) drilled for this investigation and were analyzed for the full suite of VOCs by EPA Method 8260B. Table 1 presents a summary of analytical results in soil vapor.

The following contaminants were found to exceed the California Human Health Screening Levels (CHHSLs) for soil gas:

- Perchloroethylene (a.k.a. tetrachloroethene/PCE): ranging from non-detect to 5.4  $\mu\text{g/L}$ ;
- Trichloroethylene (a.k.a. trichloroethene/TCE): ranging from non-detect to 3.9  $\mu\text{g/L}$
- 1,2-Dichloroethane: ranging from non-detect to 0.18  $\mu\text{g/L}$ .

Low concentrations of the following VOC analytes were also found in some of the soil vapor samples, however, these concentration were below the CHHSLs:

- 1,1,1-Trichloroethane
- Toluene
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- Trichlorofluoro-methane
- Chloroform

All other VOC analytes in the 8260B list were below the laboratory detection limits. TCE, 1,2-Dichloroethane, and various other chemicals detected below the CHHSLs in the soil gas samples are common byproducts of the degradation of PCE over time. PCE and TCE are also the prominent contaminants associated with the National Priority Listing for the San Gabriel Valley Superfund Site - El Monte Operable Unit, an area of regional groundwater contamination that extends beneath the Site.

## **6.0 DISCUSSION AND CONCLUSIONS**

The purpose of this investigation is to evaluate if subsurface soils at the Site have been impacted by VOCs such as PCE (perchloroethylene) and TCE (trichloroethylene) from previous on-Site and/or off-Site industrial activity. To accomplish this on December 3, 2012, Alpha drilled twenty (20) Geoprobe soil borings at the facility to a maximum depth of 15 feet bgs, and collected soil vapor samples at 5 and 15 feet bgs. The soil vapor samples were analyzed on-Site in a mobile laboratory provided by an independent State-certified laboratory.

The soil cuttings examined for this investigation indicated that the Site is underlain predominantly by brown silty sand to approximately 15 feet bgs (the maximum depth explored). No petroleum hydrocarbon or other chemical odors or staining were observed in any of the soil cuttings examined. Groundwater was not encountered at a depth of 15 feet bgs.

A total of 40 soil vapor samples were collected from the 20 borings (SG1 through SG20) drilled for this investigation. All soil vapor samples were analyzed for VOCs and Oxygenates using EPA method 8260B. The concentrations of PCE (ranging up to 5.4  $\mu\text{g/L}$ ), TCE (up to 3.9  $\mu\text{g/L}$ ), and 1,2-Dichloroethane (up to 0.18  $\mu\text{g/L}$ ) exceeded California Human Health Screening Levels (CHHSLs) in some soil gas samples at depths of 5 and 15 feet bgs, both for residential and commercial/industrial sites. TCE and 1,2-Dichloroethane are byproducts of the degradation of PCE over time, therefore the detected contaminants likely originate from the same source.

The Site is situated in a primarily industrial neighborhood and is currently unoccupied. It is improved with a paved open parking lot with two abandoned one-story industrial structures. It is Alpha's opinion that no further sub-surface assessment or remediation is warranted at this time based on the following:

- Considering the results of the subsurface investigation conducted by ARCADIS in February 2012, that involved soil sampling in multiple areas of concern at the Site indicated no elevated concentrations of VOCs. The concentrations did not exceed the Regional screening levels and did not warrant further investigation;
- Concentrations for PCE, TCE, and 1,2-Dichloroethane in soil vapor samples during this ESA were found to be slightly elevated as compared to CHHSLs for industrial site use. However, considerable attenuation of concentrations of PCE and TCE was noted as compared to concentration found during previous soil vapor investigations by other consultants (Glenfos, Inc.) in 2004;
- The Site is zoned for industrial use is completely paved with no structures that are enclosed or inhabitable at the present time. Hence, vapor intrusion into the building is currently not a health and safety concern.

- The Site is situated in an area of regional groundwater contamination with PCE and TCE (Superfund site). Hence, low levels of PCE and TCE found in soil vapor/gas phase at the Site are typical in this area and can be attributed to the regional impacted groundwater. As per ARCADIS, Site owners, Union Pacific Railroad (UPRR) indicated that the groundwater beneath the Site has reportedly been investigated as a part of the El Monte Operable Unit of the San Gabriel Valley Superfund site. UPRR also indicated that the groundwater issue has been settled with the United States Environmental Protection Agency (USEPA).

Alpha recommends no further investigation related to soil/groundwater at this time. However, it recommends installation of vapor barrier or other engineering controls for new and existing enclosed building structures to mitigate potential VOC vapor intrusion.

## **7.0 LIMITATIONS**

### **7.1 Liability Release**

The subsurface conditions described herein have been ascertained from excavations on the Site as indicated, and should in no way be construed to reflect variations which may occur between or beyond these excavations. The chemical laboratory testing described herein was performed by a state-certified testing laboratory. The state-certified testing laboratory assumes responsibility for the testing procedures used in their analysis.

The professional opinions presented in this report have been developed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at the time of service. No other warranty, expressed or implied, is made as to the professional advice included in this report. This report has been prepared for our client and their consultants, to be used solely in evaluating potential environmental implications at the Site. This report has not been prepared for use by other parties, and may not contain sufficient information for purposes of other parties or other uses.



## *TABLES*

**ALPHA**  
ENVIRONMENTAL

**Table 1: Soil Vapor Analytical Results**

Sample Number	Tetrachloroethene (PCE) µg/L <sup>1</sup>	Trichloroethene (TCE) µg/L	1,1,1-Trichloroethane µg/L	Toluene µg/L	1,2-Dichloroethane µg/L	1,1-Dichloroethane µg/L	1,1-Dichloroethene µg/L	Trichlorofluoromethane µg/L	Chloroform µg/L	Other VOCs (EPA 8260B) µg/L
MB	ND <sup>2</sup>	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB Air	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MB Material	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-1-5 1PV	ND	ND	ND	0.061 J	ND	ND	ND	0.069 J	ND	ND
SG-1-5 3PV	ND	ND	ND	0.076 J	ND	ND	ND	0.074 J	ND	ND
SG-1-5 10PV	0.35	0.12	ND	0.13	0.11	ND	ND	0.21	ND	ND
SG-1-15	0.085 J <sup>3</sup>	0.12	ND	0.36	0.18	ND	ND	0.11	ND	ND
SG-2-5	<b>1.4</b>	0.15	ND	0.11	ND	ND	ND	ND	ND	ND
SG-2-15	0.45	0.49	ND	0.35	ND	ND	ND	ND	ND	ND
SG-3-5	0.24	0.11	ND	ND	ND	ND	ND	ND	ND	ND
SG-3-15	0.23	0.080 J	ND	ND	ND	ND	ND	ND	ND	ND
SG-4-5	ND	0.24	ND	ND	ND	ND	ND	ND	ND	ND
SG-4-15	0.060 J	ND	0.11	0.050 J	ND	ND	ND	ND	ND	ND
SG-5-5	<b>1.1</b>	0.25	ND	ND	ND	ND	ND	ND	ND	ND
SG-5-15	<b>0.67</b>	0.8	ND	0.19	ND	ND	ND	ND	ND	ND
SG-6-5	0.19	0.10	ND	0.050 J	ND	ND	ND	ND	ND	ND
SG-6-15	<b>5.4</b>	<b>3.9</b>	ND	0.11	ND	ND	ND	ND	ND	ND
SG-7-5	0.15	ND	ND	0.081 J	ND	ND	ND	ND	ND	ND
SG-7-15	0.32	0.40	ND	0.063 J	ND	ND	ND	ND	ND	ND
SG-8-5	0.30	0.060 J	0.10	ND	ND	ND	ND	ND	ND	ND
SG-8-15	<b>0.90</b>	0.77	0.19	0.11	ND	ND	ND	ND	ND	ND
SG-9-5	0.33	0.17	1.6	0.12	ND	ND	ND	ND	ND	ND
SG-9-15	<b>1.4</b>	<b>2.5</b>	1.6	ND	ND	0.074 J	0.11	ND	ND	ND
SG-10-5	<b>0.99</b>	0.24	2.1	ND	ND	ND	ND	ND	ND	ND
SG-10-15	<b>2.3</b>	<b>3.2</b>	2.3	0.13	ND	0.060 J	0.20	ND	ND	ND
SG-11-5	<b>0.64</b>	0.31	1.6	ND	ND	ND	ND	ND	ND	ND
SG-11-15	0.27	0.82	2.0	0.27	ND	0.52	ND	ND	ND	ND
SG-12-5	<b>0.93</b>	0.20	3.2	ND	ND	ND	0.060 J	ND	ND	ND
SG-12-15	<b>0.85</b>	1.2	2.7	0.10	ND	ND	0.15	ND	ND	ND
SG-13-5	0.49	0.23	1.9	ND	ND	ND	ND	ND	ND	ND
SG-13-15	0.14	0.88	1.9	0.27	ND	ND	0.16	ND	ND	ND
SG-13-15 DUP	0.13	0.84	1.8	0.24	ND	ND	0.15	ND	ND	ND
SG-14-5	0.22	ND	1.1	ND	ND	ND	ND	ND	ND	ND
SG-14-5 DUP	0.21	ND	1.0	ND	ND	ND	ND	ND	ND	ND
SG-14-15	0.30	0.24	1.4	0.14	ND	ND	0.050 J	ND	ND	ND
SG-15-5	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-15-15	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-16-5	<b>0.67</b>	ND	ND	ND	ND	ND	ND	ND	0.26	ND
SG-16-15	0.13	ND	ND	0.34	ND	ND	ND	ND	0.75	ND
SG-17-5	<b>3.5</b>	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-17-15	<b>2.7</b>	ND	ND	0.090 J	ND	ND	ND	ND	ND	ND
SG-18-5	0.15	0.075 J	0.086 J	0.055 J	ND	ND	ND	ND	ND	ND
SG-18-15	0.068 J	ND	ND	0.23	ND	ND	ND	ND	ND	ND
SG-19-5	<b>3.5</b>	ND	0.060 J	ND	ND	ND	ND	ND	ND	ND
SG-19-15	<b>3.9</b>	ND	0.074 J	0.18	ND	ND	ND	ND	ND	ND
SG-20-5	<b>1.1</b>	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-20-15	0.080 J	ND	0.058 J	0.21	ND	ND	ND	ND	ND	ND
CHHSLs Ind/Comm Residential	0.6	1.8	2800	380	0.17					
	0.18	0.53	990	140	0.05					

**Notes:**

Concentrations presented in **bold font** exceed the CHHSLs for Industrial/Commercial Scenario

1: µg/L = Micrograms per Liter

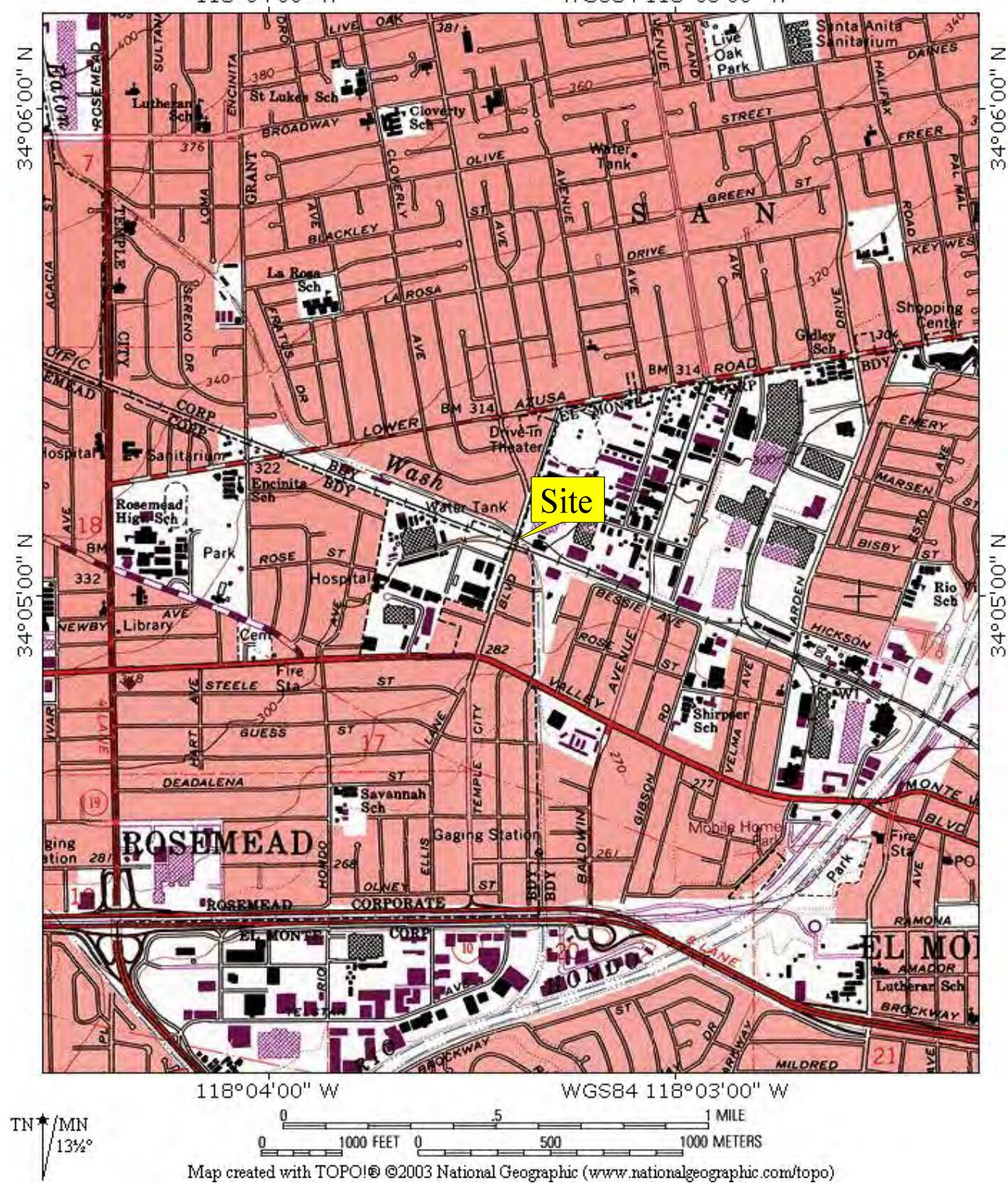
2: ND = Not Detected at Laboratory Detection Limit

3: J = Analyte concentration detected between Reporting Limit and Method Detection Limit



# *FIGURES*

**ALPHA**  
ENVIRONMENTAL



**4304 Temple City Boulevard  
El Monte, California 91731**

**SITE LOCATION  
MAP**



**ALPHA ENVIRONMENTAL**  
21220 Devonshire Street, Suite 205  
Chatsworth, California 91311

SOURCE: USGS El Monte, California (1991)  
7.5 Minute Series Topographic Maps

**FIGURE**

**1**



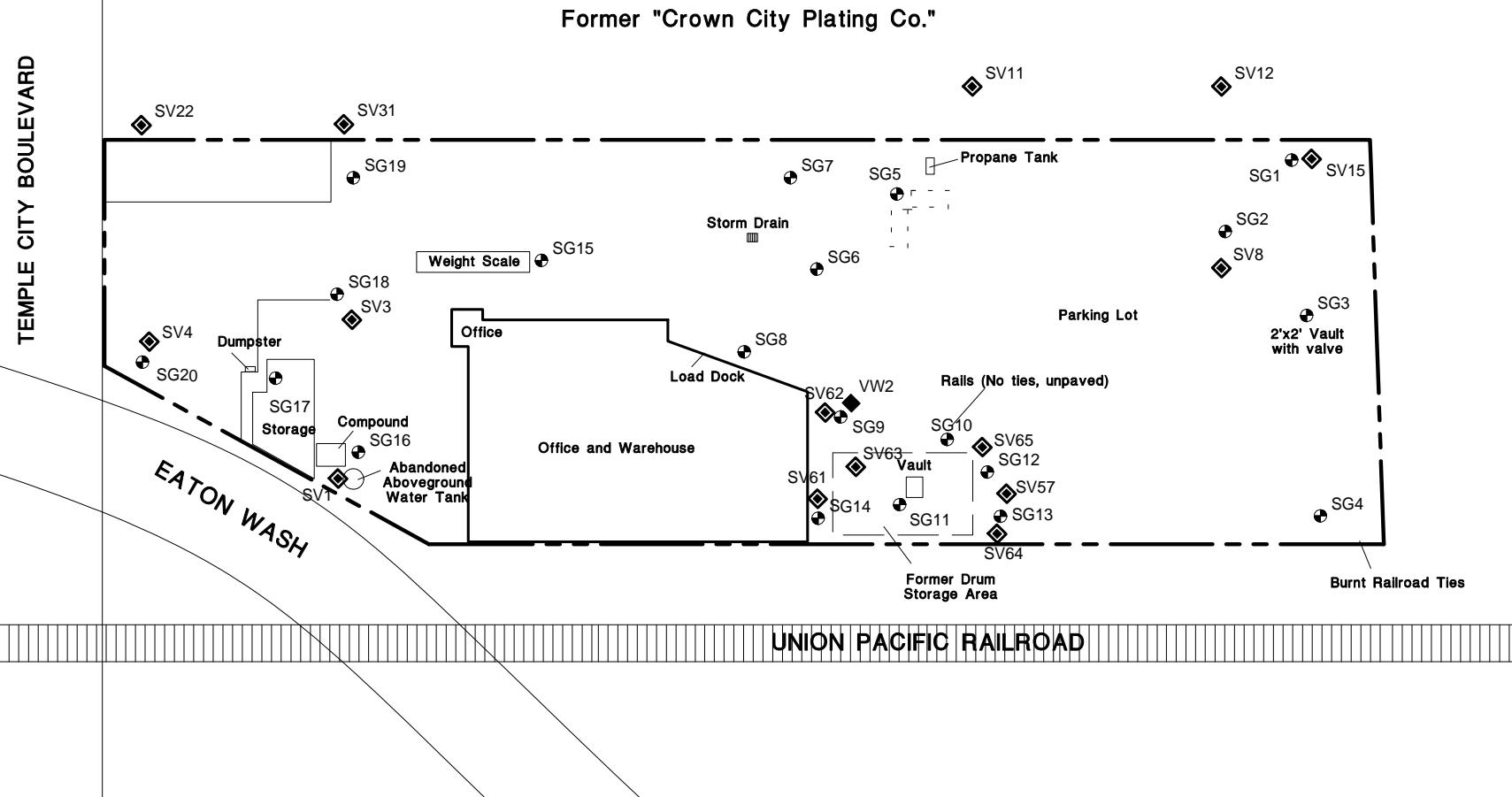
Site: 4304 Temple City Boulevard  
El Monte, CA 91731

Figure 2



ALPHA ENVIRONMENTAL  
21220 Devonshire Street, Suite 205  
Chatsworth, CA 91311

Facility Layout Map



4304 Temple City Boulevard  
El Monte, CA 91731

ALPHA ENVIRONMENTAL  
21220 Devonshire Street, Suite 205  
Chatsworth, California

EXPLANATION	
● SG20	Boring Location
◆ SV1	Select Glenfos 2004 Soil Vapor Boring Location
◆ VW2	Select Glenfos 2004 Nested Vapor Well Location



**BORING LOCATION MAP**

**FIGURE 3**



*A P P E N D I X* A  
*Site Safety Plan*

**ALPHA**  
ENVIRONMENTAL



## SITE SAFETY PLAN

### A. SITE DESCRIPTION

Date: December 3, 2012      Location: 4304 Temple City Boulevard  
El Monte, CA 91731

Hazards: Petroleum Hydrocarbons and VOCs

### B. ENTRY OBJECTIVES

Approximately 20 borings up to a maximum of 15 feet below ground surface for soil vapor sampling at 5' and 15'.

### C. ORGANIZATION AND COORDINATION

Project Manager: Rob Jawa  
Technical/Site Safety: Rob Jawa

### D. ON-SITE CONTROL

**On-site Command Post:** Alpha's Field Vehicle  
**Phone No.:** Rob's cell phone/pager No. (818) 635-5292  
**Exclusion Zone:** To be determined by Site Safety Officer  
**Support Zone:** To be determined by Site Safety Officer

### E. PHYSICAL HAZARDS

1. Visual physical hazards uneven terrain.
2. Underground utilities, especially pipelines and fiber optics cables.

### F. CHEMICAL HAZARDS

The Following substances are suspected to be on site. The primary hazards of each are identified.

<i>Substance Involved</i>	<i>Concentration</i>	<i>Primary Hazards</i>
Petroleum Hydrocarbons	Unknown	Absorption, Inhalation
VOCs	Unknown	Absorption, Inhalation



## G. PERSONAL PROTECTIVE EQUIPMENT

Protective equipment required for the soil vapor survey includes steel-toed boots and ear/eye protection as needed.

## H. SPECIAL CONSIDERATIONS

1. All personnel must wear steel toe boots and ear/eye protection when in close proximity of drilling equipment (if applicable).
2. Establish clear lines of communication with Alpha's field personnel. Make eye contact with equipment operator (if applicable) before walking or driving in the area of field activities.

## I. SITE SAFETY AND HEALTH PLAN

**Saurabh Jawa** is the designated site Safety Officer and is directly responsible to the Project Team Leader for Safety recommendations on site.

### **Emergency Medical Care:**

The closest hospital to the site is: **Greater El Monte Community Hospital**  
1701 Santa Anita Avenue  
South El Monte, CA 91733  
*(See Map Attached)*

Ambulance Emergency Dispatch is: **911**

First-aid equipment is available on site at the following locations:

First-aid kit: **Alpha's Field Vehicle**

Emergency eye wash: **Alpha's Field Vehicle**

### **List of emergency phone numbers:**

Emergency Phone List: **911**

**Greater El Monte Community Hospital:** (626) 579-7777

Ambulance/Police/Fire: **911**

- ▶ **Fire/Explosion:** Upon notification of a fire or explosion on site, the designated emergency signal **HORN BLAST** shall be sounded and all site personnel moved to a safe distance from the involved area.
- ▶ **Personal Protective Equipment Failure:** If any site worker experiences a failure or alteration of protective equipment that affects the protection factor that person and his/her buddy shall immediately leave the Exclusion Zone. Re-entry shall not be permitted until the equipment has been repaired or replaced.
- ▶ **Other Equipment Failure:** If any other equipment on site fails to operate properly, the Project Team Leader and Site Officer shall be notified and then determine the effect of this



failure on continuing operations on site. If the failure affects the safety of personnel or prevents completion of the work Plan tasks, all personnel shall leave the Exclusion Zone until the situation is evaluated and appropriate actions taken.

► **Emergency Procedures** (should be modified as required for incident)

- The following standard emergency procedures will be used by on-site personnel. The Site Safety Officer shall be notified of any on-site emergencies and be responsible for insuring that the appropriate procedures are followed.
- **Personnel Injury in the Exclusion Zone:** Upon notification of an injury in the Exclusion Zone, the designated emergency signal **HORN BLAST** shall be sounded. All site personnel shall assemble at the decontamination line. The rescue team will enter the Exclusion Zone (if required) to remove the injured person to the hotline. The Site Safety Officer and Project Team Leader should evaluate the nature of the injury, and the affected person should be decontaminated to the extent possible prior to movement to the Support Zone. The on-site EMT shall initiate the appropriate first aid, and contact should be made for an ambulance and with the designated medical facility (if required). No personal shall re-enter the Exclusion Zone until the cause of the injury or symptoms is determined.
- **Personnel Injury in the Support Zone:** Upon notification of an injury in the Support Zone, the Project Team and Site Safety Officer will assess the nature of the injury. If the cause of the injury or loss of the injured person does not affect the performance of site personnel, operations may continue, with the on-site EMT initiating the appropriate first aid and necessary follow-up as stated above. If the injury increases the risk to others, the designated emergency signal **HORN BLAST** shall be sounded and all site personnel shall move to the decontamination line for further instructions. Activities on site will stop until the added risk is removed or minimized.

**All personnel have briefed and/or have read the above plan, and are familiar with its provisions.**

Site Safety Officer:

Rob Jawa

Signature:

Project Manager:

Rob Jawa

Signature:

Drillers/Site Technicians:

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Others:

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

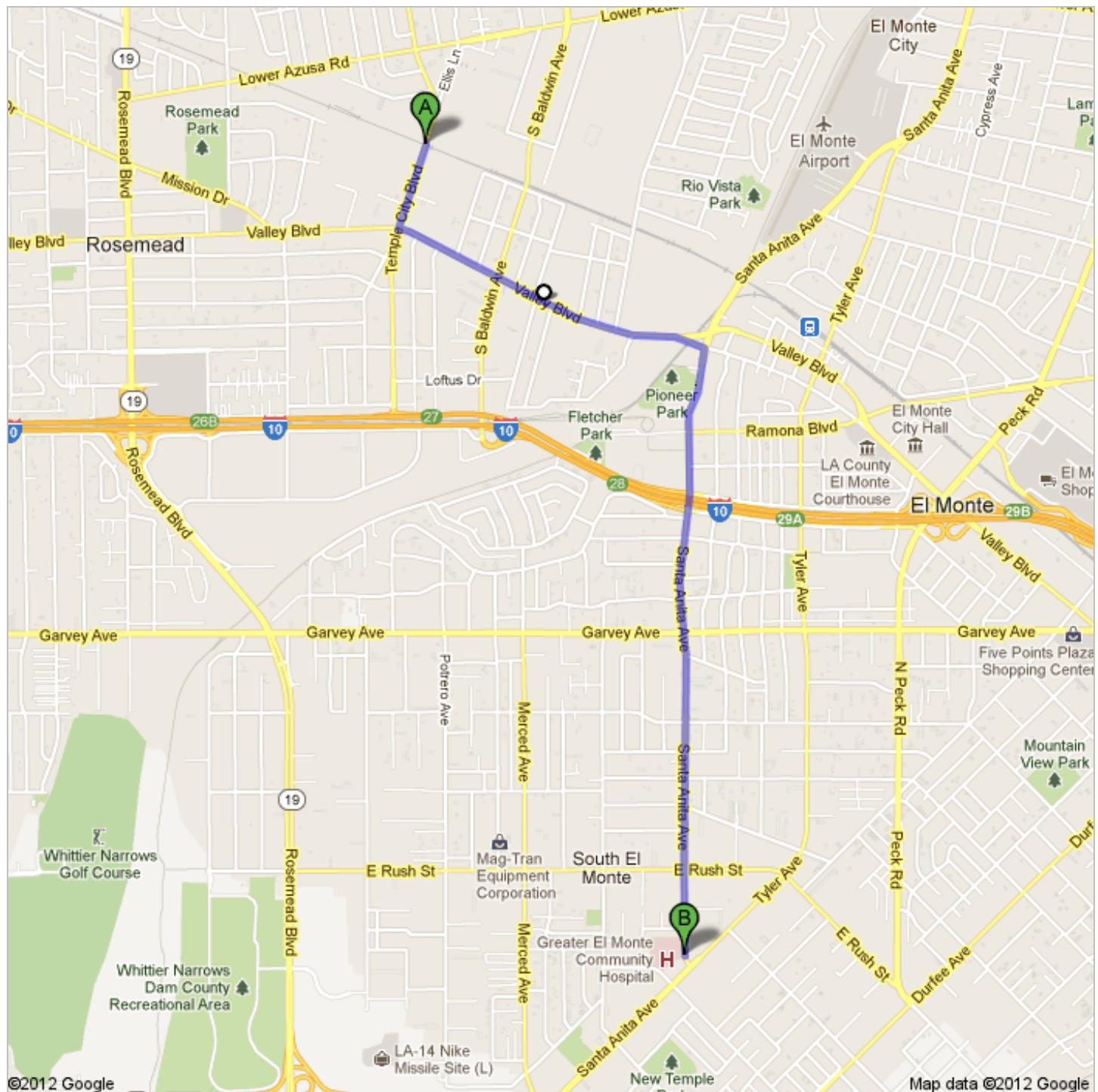
Signature: \_\_\_\_\_

Name: \_\_\_\_\_

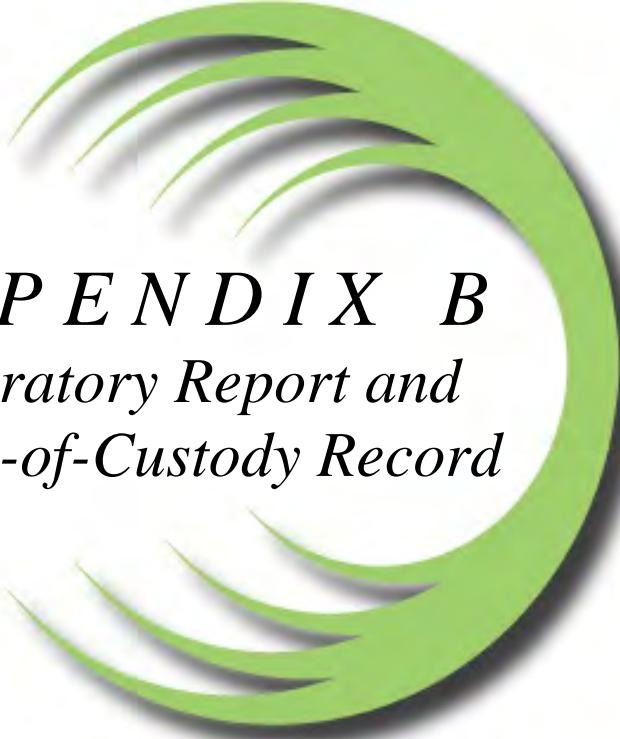
Signature: \_\_\_\_\_



Directions to Greater El Monte Community Hospital  
1701 Santa Anita Avenue, South El Monte, CA 91733  
3.3 mi – about 10 mins



- A** 4304 Temple City Blvd, El Monte, CA 91731
1. Head south on Temple City Blvd toward Abilene St  
go 0.3 mi  
total 0.3 mi
2. Take the 2nd left onto Valley Blvd  
go 1.0 mi  
total 1.2 mi
3. Slight right onto Valley Mall  
go 0.1 mi  
total 1.3 mi
4. Take the 1st right onto Santa Anita Ave  
go 1.9 mi  
total 3.3 mi
- About 6 mins
- B** Greater El Monte Community Hospital  
1701 Santa Anita Avenue, South El Monte, CA 91733
- These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.
- Map data ©2012 Google
- Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.



**A P P E N D I X   B**

*Laboratory Report and  
Chain-of-Custody Record*

**ALPHA**  
ENVIRONMENTAL



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## CASE NARRATIVE

Authorized Signature Name / Title (print)

Ken Zheng, President

Signature / Date

Ken Zheng

Ken Zheng, President  
12/06/2012 16:47:01

Laboratory Job No. (Certificate of Analysis No.)

1212-00003

Project Name / No.

4304 TEMPLE CITY BLVD.

Dates Sampled (from/to)

12/03/12 To 12/03/12

Dates Received (from/to)

12/03/12 To 12/03/12

Dates Reported (from/to)

12/06/12 To 12/6/2012

Chains of Custody Received

Yes

Comments:

### Subcontracting

Organic Analyses

No analyses sub-contracted

### Sample Condition(s)

All samples intact



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Laboratory Job# 1212-00003

## Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
SG-1-5' 1PV	Toluene	0.061	J	µg/L	0.10	SG-1-5' 1PV	Trichlorofluoromethane	0.069	J	µg/L	0.10
SG-1-5' 3PV	Toluene	0.076	J	µg/L	0.10	SG-1-5' 3PV	Trichlorofluoromethane	0.074	J	µg/L	0.10
SG-1-5' 10PV	1,2-Dichloroethane	0.11		µg/L	0.10	SG-1-5' 10PV	Tetrachloroethene	0.35		µg/L	0.10
SG-1-5' 10PV	Toluene	0.13		µg/L	0.10	SG-1-5' 10PV	Trichloroethene	0.12		µg/L	0.10
SG-1-5' 10PV	Trichlorofluoromethane	0.21		µg/L	0.10	SG-1-15'	1,2-Dichloroethane	0.18		µg/L	0.10
SG-1-15'	Tetrachloroethene	0.085	J	µg/L	0.10	SG-1-15'	Toluene	0.36		µg/L	0.10
SG-1-15'	Trichloroethene	0.12		µg/L	0.10	SG-1-15'	Trichlorofluoromethane	0.11		µg/L	0.10
SG-2-5'	Tetrachloroethene	1.4		µg/L	0.10	SG-2-5'	Toluene	0.11		µg/L	0.10
SG-2-5'	Trichloroethene	0.15		µg/L	0.10	SG-2-15'	Tetrachloroethene	0.45		µg/L	0.10
SG-2-15'	Toluene	0.35		µg/L	0.10	SG-2-15'	Trichloroethene	0.49		µg/L	0.10
SG-5-5'	Tetrachloroethene	1.1		µg/L	0.10	SG-5-5'	Trichloroethene	0.25		µg/L	0.10
SG-5-15'	Tetrachloroethene	0.67		µg/L	0.10	SG-5-15'	Toluene	0.19		µg/L	0.10
SG-5-15'	Trichloroethene	0.80		µg/L	0.10	SG-7-5'	Tetrachloroethene	0.15		µg/L	0.10
SG-7-5'	Toluene	0.081	J	µg/L	0.10	SG-7-15'	Tetrachloroethene	0.32		µg/L	0.10
SG-7-15'	Toluene	0.063	J	µg/L	0.10	SG-7-15'	Trichloroethene	0.40		µg/L	0.10
SG-9-5'	1,1,1-Trichloroethane	1.6		µg/L	0.10	SG-9-5'	Tetrachloroethene	0.33		µg/L	0.10
SG-9-5'	Toluene	0.12		µg/L	0.10	SG-9-5'	Trichloroethene	0.17		µg/L	0.10
SG-9-15'	1,1,1-Trichloroethane	1.6		µg/L	0.10	SG-9-15'	1,1-Dichloroethane	0.074	J	µg/L	0.10
SG-9-15'	1,1-Dichloroethene	0.11		µg/L	0.10	SG-9-15'	Tetrachloroethene	1.4		µg/L	0.10
SG-9-15'	Trichloroethene	2.5		µg/L	0.10	SG-11-5'	1,1,1-Trichloroethane	1.6		µg/L	0.10
SG-11-5'	Tetrachloroethene	0.64		µg/L	0.10	SG-11-5'	Trichloroethene	0.31		µg/L	0.10
SG-11-15'	1,1,1-Trichloroethane	2.0		µg/L	0.10	SG-11-15'	1,1-Dichloroethane	0.52		µg/L	0.10
SG-11-15'	Tetrachloroethene	0.27		µg/L	0.10	SG-11-15'	Toluene	0.27		µg/L	0.10
SG-11-15'	Trichloroethene	0.82		µg/L	0.10	SG-15-5'	Tetrachloroethene	0.16		µg/L	0.10
SG-15-15'	Tetrachloroethene	0.15		µg/L	0.10	SG-13-5'	1,1,1-Trichloroethane	1.9		µg/L	0.10
SG-13-5'	Tetrachloroethene	0.49		µg/L	0.10	SG-13-5'	Trichloroethene	0.23		µg/L	0.10
SG-13-15'	1,1,1-Trichloroethane	1.9		µg/L	0.10	SG-13-15'	1,1-Dichloroethene	0.16		µg/L	0.10
SG-13-15'	Tetrachloroethene	0.14		µg/L	0.10	SG-13-15'	Toluene	0.27		µg/L	0.10
SG-13-15'	Trichloroethene	0.88		µg/L	0.10	SG-13-15' DUP	1,1,1-Trichloroethane	1.8		µg/L	0.10
SG-13-15' DUP	1,1-Dichloroethene	0.15		µg/L	0.10	SG-13-15' DUP	Tetrachloroethene	0.13		µg/L	0.10
SG-13-15' DUP	Toluene	0.24		µg/L	0.10	SG-13-15' DUP	Trichloroethene	0.84		µg/L	0.10
SG-16-5'	Chloroform	0.26		µg/L	0.10	SG-16-5'	Tetrachloroethene	0.67		µg/L	0.10
SG-14-5'	1,1,1-Trichloroethane	1.1		µg/L	0.10	SG-14-5'	Tetrachloroethene	0.22		µg/L	0.10
SG-14-15'	1,1,1-Trichloroethane	1.4		µg/L	0.10	SG-14-15'	1,1-Dichloroethene	0.050	J	µg/L	0.10
SG-14-15'	Tetrachloroethene	0.30		µg/L	0.10	SG-14-15'	Toluene	0.14		µg/L	0.10
SG-14-15'	Trichloroethene	0.24		µg/L	0.10	SG-16-15'	Chloroform	0.75		µg/L	0.10
						SG-16-15'	Tetrachloroethene	0.13		µg/L	0.10

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Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
SG-16-15'	Toluene	0.34		µg/L	0.10	SG-18-5'	1,1,1-Trichloroethane	0.086	J	µg/L	0.10
SG-18-5'	Tetrachloroethene	0.15		µg/L	0.10	SG-18-5'	Toluene	0.055	J	µg/L	0.10
SG-18-5'	Trichloroethene	0.075	J	µg/L	0.10	SG-17-5'	Tetrachloroethene	3.5		µg/L	0.10
SG-18-15'	Tetrachloroethene	0.068	J	µg/L	0.10	SG-18-15'	Toluene	0.23		µg/L	0.10
SG-20-5'	Tetrachloroethene	1.1		µg/L	0.10	SG-17-15'	Tetrachloroethene	2.7		µg/L	0.10
SG-17-15'	Toluene	0.090	J	µg/L	0.10	SG-19-15'	1,1,1-Trichloroethane	0.074	J	µg/L	0.10
SG-19-15'	Tetrachloroethene	3.9		µg/L	0.10	SG-19-15'	Toluene	0.18		µg/L	0.10
SG-19-5'	1,1,1-Trichloroethane	0.060	J	µg/L	0.10	SG-19-5'	Tetrachloroethene	3.5		µg/L	0.10



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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 001 <b>SG-1-5' 1PV</b>								Date & Time Sampled:	12/03/12 @ 9:39
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:13 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:13 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:13 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:13 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:13 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:13 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:13 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:13 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:13 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE

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Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
<b>Sample: 001 SG-1-5' 1PV</b>				Date & Time Sampled:				12/03/12	@ 9:39
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled:	<b>1</b>								
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:13 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:13 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:13 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:13 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:13 HXE
Tetrachloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Toluene	<b>0.061</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
<b>Sample: 001 SG-1-5' 1PV</b>				Date & Time Sampled:				12/03/12	@ 9:39
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Trichlorofluoromethane	<b>0.069</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:13 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:13 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:13 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:13 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:13 HXE
[VOC Surrogates]									
Dibromofluoromethane	102		%REC	EPA 8260B			70-130	12/03/12	10:13 HXE
Toluene-D8	99		%REC	EPA 8260B			70-130	12/03/12	10:13 HXE
Bromofluorobenzene	96		%REC	EPA 8260B			70-130	12/03/12	10:13 HXE
<b>Sample: 002 SG-1-5' 3PV</b>				Date & Time Sampled:				12/03/12	@ 10:25
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>3</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:35 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:35 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:35 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:35 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 002 <b>SG-1-5' 3PV</b>								Date & Time Sampled:	12/03/12 @ 10:25
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>3</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:35 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:35 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:35 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:35 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:35 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 002 <b>SG-1-5' 3PV</b>								Date & Time Sampled:	12/03/12 @ 10:25
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>3</b>									
<b>.....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:35 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:35 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:35 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:35 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:35 HXE
Tetrachloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Toluene	<b>0.076</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Trichlorofluoromethane	<b>0.074</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:35 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:35 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:35 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
<b>Sample: 002 SG-1-5' 3PV</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>3</b>									
<b>.....continued</b>					Date & Time Sampled:				
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:35 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:35 HXE
[VOC Surrogates]									
Dibromofluoromethane	100		%REC	EPA 8260B			70-130	12/03/12	10:35 HXE
Toluene-D8	102		%REC	EPA 8260B			70-130	12/03/12	10:35 HXE
Bromofluorobenzene	98		%REC	EPA 8260B			70-130	12/03/12	10:35 HXE
<b>Sample: 003 SG-1-5' 10PV</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]					Date & Time Sampled:				
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:57 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:57 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:57 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 003 <b>SG-1-5' 10PV</b>								Date & Time Sampled:	12/03/12 @ 10:45
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dichloroethane	<b>0.11</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:57 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 003 <b>SG-1-5' 10PV</b>								Date & Time Sampled:	12/03/12 @ 10:45
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:57 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
Tetrachloroethene	<b>0.35</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Toluene	<b>0.13</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Trichloroethene	<b>0.12</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Trichlorofluoromethane	<b>0.21</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:57 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:57 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:57 HXE
[VOC Surrogates]									
Dibromofluoromethane	116		%REC	EPA 8260B			70-130	12/03/12	10:57 HXE
Toluene-D8	108		%REC	EPA 8260B			70-130	12/03/12	10:57 HXE
Bromofluorobenzene	102		%REC	EPA 8260B			70-130	12/03/12	10:57 HXE

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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 004 <b>SG-1-15'</b>								Date & Time Sampled:	12/03/12 @ 11:38
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	11:45 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	11:45 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:45 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:45 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:45 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:45 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	11:45 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:45 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:45 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 004 <b>SG-1-15'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
1,2-Dichloroethane	<b>0.18</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:45 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	11:45 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:45 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	11:45 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:45 HXE
Tetrachloroethene	<b>0.085</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Toluene	<b>0.36</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE

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**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 004 SG-1-15'	Date & Time Sampled:								12/03/12 @ 11:38
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Trichloroethene	0.12		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Trichlorofluoromethane	0.11		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	11:45 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	11:45 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:45 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:45 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	11:45 HXE
[VOC Surrogates]									
Dibromofluoromethane	101		%REC	EPA 8260B			70-130	12/03/12	11:45 HXE
Toluene-D8	98		%REC	EPA 8260B			70-130	12/03/12	11:45 HXE
Bromofluorobenzene	97		%REC	EPA 8260B			70-130	12/03/12	11:45 HXE
Sample: 005 SG-2-5'	Date & Time Sampled:								12/03/12 @ 11:58
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	12:07 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	12:07 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:07 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:07 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 005 <b>SG-2-5'</b>								Date & Time Sampled:	12/03/12 @ 11:58
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:07 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:07 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	12:07 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:07 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:07 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE

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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 005 <b>SG-2-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:07 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	12:07 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:07 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	12:07 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:07 HXE
Tetrachloroethene	<b>1.4</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Toluene	<b>0.11</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Trichloroethene	<b>0.15</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	12:07 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	12:07 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:07 HXE

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**ALPHA ENVIRONMENTAL**  
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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 005 <b>SG-2-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:07 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	12:07 HXE
[VOC Surrogates]									
Dibromofluoromethane	101		%REC	EPA 8260B			70-130	12/03/12	12:07 HXE
Toluene-D8	99		%REC	EPA 8260B			70-130	12/03/12	12:07 HXE
Bromofluorobenzene	97		%REC	EPA 8260B			70-130	12/03/12	12:07 HXE
Sample: 006 <b>SG-2-15'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	12:31 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	12:31 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:31 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:31 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:31 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:31 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	12:31 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 006 <b>SG-2-15'</b>								Date & Time Sampled:	12/03/12 @ 12:23
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:31 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:31 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:31 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	12:31 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 006 <b>SG-2-15'</b>					Date & Time Sampled:				12/03/12 @ 12:23
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:31 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	12:31 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:31 HXE
Tetrachloroethene	<b>0.45</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Toluene	<b>0.35</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Trichloroethene	<b>0.49</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	12:31 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	12:31 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:31 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:31 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	12:31 HXE
[VOC Surrogates]									
Dibromofluoromethane	102		%REC	EPA 8260B			70-130	12/03/12	12:31 HXE
Toluene-D8	100		%REC	EPA 8260B			70-130	12/03/12	12:31 HXE
Bromofluorobenzene	97		%REC	EPA 8260B			70-130	12/03/12	12:31 HXE

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**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 007 <b>SG-5-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	12:53 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	12:53 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:53 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:53 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:53 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:53 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	12:53 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:53 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:53 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 007 <b>SG-5-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:53 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	12:53 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:53 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	12:53 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:53 HXE
Tetrachloroethene	<b>1.1</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE

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Invoice No. 69054  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 007 SG-5-5'	Date & Time Sampled:								12/03/12 @ 12:44
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Trichloroethene	0.25		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	12:53 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	12:53 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:53 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:53 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	12:53 HXE
[VOC Surrogates]									
Dibromofluoromethane	101		%REC	EPA 8260B			70-130	12/03/12	12:53 HXE
Toluene-D8	100		%REC	EPA 8260B			70-130	12/03/12	12:53 HXE
Bromofluorobenzene	99		%REC	EPA 8260B			70-130	12/03/12	12:53 HXE
Sample: 008 SG-5-15'	Date & Time Sampled:								12/03/12 @ 13:07
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	1:15 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	1:15 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:15 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:15 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 008 <b>SG-5-15'</b>								Date & Time Sampled:	12/03/12 @ 13:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:15 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:15 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	1:15 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:15 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:15 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE

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Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:15 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	1:15 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:15 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	1:15 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:15 HXE
Tetrachloroethene	<b>0.67</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Toluene	<b>0.19</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Trichloroethene	<b>0.80</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	1:15 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	1:15 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:15 HXE

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Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 008 <b>SG-5-15'</b>	Date & Time Sampled:								12/03/12 @ 13:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:15 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	1:15 HXE
[VOC Surrogates]									
Dibromofluoromethane	103		%REC	EPA 8260B			70-130	12/03/12	1:15 HXE
Toluene-D8	100		%REC	EPA 8260B			70-130	12/03/12	1:15 HXE
Bromofluorobenzene	95		%REC	EPA 8260B			70-130	12/03/12	1:15 HXE
Sample: 009 <b>SG-7-5'</b>	Date & Time Sampled:								12/03/12 @ 13:30
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	1:37 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	1:37 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:37 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:37 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:37 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:37 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	1:37 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 009 <b>SG-7-5'</b>					Date & Time Sampled:				12/03/12 @ 13:30
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:37 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:37 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:37 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	1:37 HXE

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Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:37 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	1:37 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:37 HXE
Tetrachloroethene	<b>0.15</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Toluene	<b>0.081</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	1:37 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	1:37 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:37 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:37 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	1:37 HXE
[VOC Surrogates]									
Dibromofluoromethane	98		%REC	EPA 8260B			70-130	12/03/12	1:37 HXE
Toluene-D8	99		%REC	EPA 8260B			70-130	12/03/12	1:37 HXE
Bromofluorobenzene	97		%REC	EPA 8260B			70-130	12/03/12	1:37 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 010 <b>SG-7-15'</b>								Date & Time Sampled:	12/03/12 @ 13:54
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	2:02 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	2:02 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:02 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:02 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:02 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:02 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	2:02 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:02 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:02 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE

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**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 010 <b>SG-7-15'</b>					Date & Time Sampled:				12/03/12 @ 13:54
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:02 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	2:02 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:02 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	2:02 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:02 HXE
Tetrachloroethene	<b>0.32</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Toluene	<b>0.063</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 010 <b>SG-7-15'</b>					Date & Time Sampled:				12/03/12 @ 13:54
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Trichloroethene	<b>0.40</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	2:02 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	2:02 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:02 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:02 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	2:02 HXE
[VOC Surrogates]									
Dibromofluoromethane	117		%REC	EPA 8260B			70-130	12/03/12	2:02 HXE
Toluene-D8	109		%REC	EPA 8260B			70-130	12/03/12	2:02 HXE
Bromofluorobenzene	101		%REC	EPA 8260B			70-130	12/03/12	2:02 HXE
Sample: 011 <b>SG-9-5'</b>					Date & Time Sampled:				12/03/12 @ 14:16
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	2:24 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	2:24 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:24 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:24 HXE

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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 011 <b>SG-9-5'</b>								Date & Time Sampled:	12/03/12 @ 14:16
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:24 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:24 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	2:24 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:24 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:24 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 011 <b>SG-9-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:24 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	2:24 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:24 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	2:24 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:24 HXE
Tetrachloroethene	<b>0.33</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Toluene	<b>0.12</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,1,1-Trichloroethane	<b>1.6</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Trichloroethene	<b>0.17</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	2:24 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	2:24 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:24 HXE

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**CHATSWORTH, CA 91311**

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Invoice No. 69054  
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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 011 SG-9-5'	Date & Time Sampled:								12/03/12 @ 14:16
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
.....continued									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:24 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	2:24 HXE
[VOC Surrogates]									
Dibromofluoromethane	103		%REC	EPA 8260B			70-130	12/03/12	2:24 HXE
Toluene-D8	100		%REC	EPA 8260B			70-130	12/03/12	2:24 HXE
Bromofluorobenzene	101		%REC	EPA 8260B			70-130	12/03/12	2:24 HXE
Sample: 012 SG-9-15'	Date & Time Sampled:								12/03/12 @ 14:40
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	2:47 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	2:47 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	2:47 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE

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**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 012 <b>SG-9-15'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1-Dichloroethane	<b>0.074</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1-Dichloroethene	<b>0.11</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	2:47 HXE

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Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 012 <b>SG-9-15'</b>					Date & Time Sampled:				12/03/12 @ 14:40
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	2:47 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE
Tetrachloroethene	<b>1.4</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,1-Trichloroethane	<b>1.6</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Trichloroethene	<b>2.5</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	2:47 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	2:47 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	2:47 HXE
[VOC Surrogates]									
Dibromofluoromethane	103		%REC	EPA 8260B			70-130	12/03/12	2:47 HXE
Toluene-D8	101		%REC	EPA 8260B			70-130	12/03/12	2:47 HXE
Bromofluorobenzene	96		%REC	EPA 8260B			70-130	12/03/12	2:47 HXE

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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 013 <b>SG-11-5'</b>								Date & Time Sampled:	12/03/12 @ 15:02
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	3:10 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	3:10 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:10 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:10 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:10 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:10 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	3:10 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:10 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:10 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 013 <b>SG-11-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:10 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	3:10 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:10 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	3:10 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:10 HXE
Tetrachloroethene	<b>0.64</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,1,1-Trichloroethane	<b>1.6</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE

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**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 013 <b>SG-11-5'</b>					Date & Time Sampled:				12/03/12 @ 15:02
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Trichloroethene	<b>0.31</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	3:10 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	3:10 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:10 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:10 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	3:10 HXE
[VOC Surrogates]									
Dibromofluoromethane	119		%REC	EPA 8260B			70-130	12/03/12	3:10 HXE
Toluene-D8	110		%REC	EPA 8260B			70-130	12/03/12	3:10 HXE
Bromofluorobenzene	103		%REC	EPA 8260B			70-130	12/03/12	3:10 HXE
Sample: 014 <b>SG-11-15'</b>					Date & Time Sampled:				12/03/12 @ 15:24
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	3:32 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	3:32 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:32 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:32 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 014 <b>SG-11-15'</b>								Date & Time Sampled:	12/03/12 @ 15:24
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:32 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:32 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	3:32 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:32 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:32 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,1-Dichloroethane	<b>0.52</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 014 <b>SG-11-15'</b>								Date & Time Sampled:	12/03/12 @ 15:24
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:32 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	3:32 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:32 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	3:32 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:32 HXE
Tetrachloroethene	<b>0.27</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Toluene	<b>0.27</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,1,1-Trichloroethane	<b>2.0</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Trichloroethene	<b>0.82</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	3:32 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	3:32 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:32 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 014 <b>SG-11-15'</b>								Date & Time Sampled:	12/03/12 @ 15:24
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:32 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	3:32 HXE
[VOC Surrogates]									
Dibromofluoromethane	119		%REC	EPA 8260B			70-130	12/03/12	3:32 HXE
Toluene-D8	110		%REC	EPA 8260B			70-130	12/03/12	3:32 HXE
Bromofluorobenzene	103		%REC	EPA 8260B			70-130	12/03/12	3:32 HXE
Sample: 015 <b>SG-15-5'</b>								Date & Time Sampled:	12/03/12 @ 15:34
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:08 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:08 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:08 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:08 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:08 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:08 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:08 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 015 <b>SG-15-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:08 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:08 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:08 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:08 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 015 <b>SG-15-5'</b>								Date & Time Sampled:	12/03/12 @ 15:34
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:08 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:08 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:08 HXE
Tetrachloroethene	<b>0.16</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:08 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:08 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:08 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:08 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:08 HXE
[VOC Surrogates]									
Dibromofluoromethane	90		%REC	EPA 8260B			70-130	12/03/12	10:08 HXE
Toluene-D8	103		%REC	EPA 8260B			70-130	12/03/12	10:08 HXE
Bromofluorobenzene	108		%REC	EPA 8260B			70-130	12/03/12	10:08 HXE

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**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 016 <b>SG-15-15'</b>								Date & Time Sampled:	12/03/12 @ 15:56
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:32 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:32 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:32 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 016 <b>SG-15-15'</b>								Date & Time Sampled:	12/03/12 @ 15:56
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:32 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:32 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
Tetrachloroethene	<b>0.15</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
<b>Sample: 016 SG-15-15'</b>				Date & Time Sampled:				12/03/12	@ 15:56
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:32 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:32 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:32 HXE
[VOC Surrogates]									
Dibromofluoromethane	94		%REC	EPA 8260B			70-130	12/03/12	10:32 HXE
Toluene-D8	105		%REC	EPA 8260B			70-130	12/03/12	10:32 HXE
Bromofluorobenzene	108		%REC	EPA 8260B			70-130	12/03/12	10:32 HXE
<b>Sample: 017 SG-13-5'</b>				Date & Time Sampled:				12/03/12	@ 15:43
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	3:54 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	3:54 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:54 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:54 HXE

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**ALPHA ENVIRONMENTAL**  
**ROB**  
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**CHATSWORTH, CA 91311**

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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 017 <b>SG-13-5'</b>								Date & Time Sampled:	12/03/12 @ 15:43
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:54 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:54 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	3:54 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:54 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:54 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 017 <b>SG-13-5'</b>					Date & Time Sampled:				12/03/12 @ 15:43
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:54 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	3:54 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:54 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	3:54 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:54 HXE
Tetrachloroethene	<b>0.49</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,1,1-Trichloroethane	<b>1.9</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Trichloroethene	<b>0.23</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	3:54 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	3:54 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:54 HXE

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Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 017 <b>SG-13-5'</b>								Date & Time Sampled:	12/03/12 @ 15:43
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:54 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	3:54 HXE
[VOC Surrogates]									
Dibromofluoromethane	113		%REC	EPA 8260B			70-130	12/03/12	3:54 HXE
Toluene-D8	107		%REC	EPA 8260B			70-130	12/03/12	3:54 HXE
Bromofluorobenzene	104		%REC	EPA 8260B			70-130	12/03/12	3:54 HXE
Sample: 018 <b>SG-13-15'</b>								Date & Time Sampled:	12/03/12 @ 16:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	4:16 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	4:16 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:16 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:16 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:16 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:16 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	4:16 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 018 <b>SG-13-15'</b>								Date & Time Sampled:	12/03/12 @ 16:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:16 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:16 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,1-Dichloroethene	<b>0.16</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:16 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	4:16 HXE

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**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 018 <b>SG-13-15'</b>								Date & Time Sampled:	12/03/12 @ 16:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:16 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	4:16 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:16 HXE
Tetrachloroethene	<b>0.14</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Toluene	<b>0.27</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,1,1-Trichloroethane	<b>1.9</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Trichloroethene	<b>0.88</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	4:16 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	4:16 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:16 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:16 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	4:16 HXE
[VOC Surrogates]									
Dibromofluoromethane	117		%REC	EPA 8260B			70-130	12/03/12	4:16 HXE
Toluene-D8	111		%REC	EPA 8260B			70-130	12/03/12	4:16 HXE
Bromofluorobenzene	105		%REC	EPA 8260B			70-130	12/03/12	4:16 HXE

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**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported	12/06/12
Date Received	12/03/12
Invoice No.	69054
Cust #	2098
Permit Number	
Customer P.O.	

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 019 <b>SG-13-15' DUP</b>								Date & Time Sampled:	12/03/12 @ 16:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	4:38 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	4:38 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:38 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:38 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:38 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:38 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	4:38 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:38 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:38 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 019 <b>SG-13-15' DUP</b>								Date & Time Sampled:	12/03/12 @ 16:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,1-Dichloroethene	<b>0.15</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:38 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	4:38 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:38 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	4:38 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:38 HXE
Tetrachloroethene	<b>0.13</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Toluene	<b>0.24</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,1,1-Trichloroethane	<b>1.8</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
<b>Sample: 019 SG-13-15' DUP</b>				Date & Time Sampled:				12/03/12	@ 16:07
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled:	<b>10</b>								
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Trichloroethene	<b>0.84</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	4:38 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	4:38 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:38 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:38 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	4:38 HXE
[VOC Surrogates]									
Dibromofluoromethane	116		%REC	EPA 8260B			70-130	12/03/12	4:38 HXE
Toluene-D8	111		%REC	EPA 8260B			70-130	12/03/12	4:38 HXE
Bromofluorobenzene	103		%REC	EPA 8260B			70-130	12/03/12	4:38 HXE
<b>Sample: 020 SG-16-5'</b>				Date & Time Sampled:				12/03/12	@ 16:13
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled:	<b>10</b>								
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	8:29 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	8:29 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:29 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:29 HXE

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**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 020 <b>SG-16-5'</b>								Date & Time Sampled:	12/03/12 @ 16:13
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:29 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:29 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	8:29 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Chloroform	<b>0.26</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:29 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:29 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 020 <b>SG-16-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:29 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	8:29 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:29 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	8:29 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:29 HXE
Tetrachloroethene	<b>0.67</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	8:29 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	8:29 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:29 HXE

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Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 020 <b>SG-16-5'</b>								Date & Time Sampled:	12/03/12 @ 16:13
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:29 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	8:29 HXE
[VOC Surrogates]									
Dibromofluoromethane	89		%REC	EPA 8260B			70-130	12/03/12	8:29 HXE
Toluene-D8	103		%REC	EPA 8260B			70-130	12/03/12	8:29 HXE
Bromofluorobenzene	107		%REC	EPA 8260B			70-130	12/03/12	8:29 HXE
Sample: 021 <b>SG-14-5'</b>								Date & Time Sampled:	12/03/12 @ 16:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	5:29 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	5:29 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	5:29 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	5:29 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	5:29 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	5:29 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	5:29 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 021 <b>SG-14-5'</b>								Date & Time Sampled:	12/03/12 @ 16:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	5:29 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	5:29 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	5:29 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	5:29 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 021 <b>SG-14-5'</b>								Date & Time Sampled:	12/03/12 @ 16:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	5:29 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	5:29 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	5:29 HXE
Tetrachloroethene	<b>0.22</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,1,1-Trichloroethane	<b>1.1</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	5:29 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	5:29 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	5:29 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	5:29 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	5:29 HXE
[VOC Surrogates]									
Dibromofluoromethane	94		%REC	EPA 8260B			70-130	12/03/12	5:29 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	5:29 HXE
Bromofluorobenzene	118		%REC	EPA 8260B			70-130	12/03/12	5:29 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 022 <b>SG-14-15'</b>								Date & Time Sampled:	12/03/12 @ 16:26
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	8:03 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	8:03 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:03 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:03 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:03 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:03 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	8:03 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:03 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:03 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE

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Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 022 <b>SG-14-15'</b>					Date & Time Sampled:				12/03/12 @ 16:26
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,1-Dichloroethene	<b>0.050</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:03 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	8:03 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:03 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	8:03 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:03 HXE
Tetrachloroethene	<b>0.30</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Toluene	<b>0.14</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,1,1-Trichloroethane	<b>1.4</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE

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Sample: 022 <b>SG-14-15'</b>					Date & Time Sampled:				12/03/12 @ 16:26
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Trichloroethene	<b>0.24</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	8:03 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	8:03 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:03 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:03 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	8:03 HXE
[VOC Surrogates]									
Dibromofluoromethane	103		%REC	EPA 8260B			70-130	12/03/12	8:03 HXE
Toluene-D8	103		%REC	EPA 8260B			70-130	12/03/12	8:03 HXE
Bromofluorobenzene	123		%REC	EPA 8260B			70-130	12/03/12	8:03 HXE
Sample: 023 <b>SG-16-15'</b>					Date & Time Sampled:				12/03/12 @ 16:31
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	8:54 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	8:54 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:54 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:54 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 023 <b>SG-16-15'</b>								Date & Time Sampled:	12/03/12 @ 16:31
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:54 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:54 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	8:54 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Chloroform	<b>0.75</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:54 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:54 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 023 <b>SG-16-15'</b>								Date & Time Sampled:	12/03/12 @ 16:31
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:54 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	8:54 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:54 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	8:54 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:54 HXE
Tetrachloroethene	<b>0.13</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Toluene	<b>0.34</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	8:54 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	8:54 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:54 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
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Invoice No. 69054  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 023 <b>SG-16-15'</b>								Date & Time Sampled:	12/03/12 @ 16:31
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:54 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	8:54 HXE
[VOC Surrogates]									
Dibromofluoromethane	94		%REC	EPA 8260B			70-130	12/03/12	8:54 HXE
Toluene-D8	102		%REC	EPA 8260B			70-130	12/03/12	8:54 HXE
Bromofluorobenzene	118		%REC	EPA 8260B			70-130	12/03/12	8:54 HXE
Sample: 024 <b>SG-18-5'</b>								Date & Time Sampled:	12/03/12 @ 16:33
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	8:17 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	8:17 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:17 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:17 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:17 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:17 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	8:17 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 024 <b>SG-18-5'</b>								Date & Time Sampled:	12/03/12 @ 16:33
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:17 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:17 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:17 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	8:17 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 024 <b>SG-18-5'</b>					Date & Time Sampled:				12/03/12 @ 16:33
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:17 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	8:17 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:17 HXE
Tetrachloroethene	<b>0.15</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Toluene	<b>0.055</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,1,1-Trichloroethane	<b>0.086</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Trichloroethene	<b>0.075</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	8:17 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	8:17 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:17 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:17 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	8:17 HXE
[VOC Surrogates]									
Dibromofluoromethane	116		%REC	EPA 8260B			70-130	12/03/12	8:17 HXE
Toluene-D8	105		%REC	EPA 8260B			70-130	12/03/12	8:17 HXE
Bromofluorobenzene	102		%REC	EPA 8260B			70-130	12/03/12	8:17 HXE

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**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 025 <b>SG-17-5'</b>								Date & Time Sampled:	12/03/12 @ 16:40
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:57 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:57 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:57 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 025 <b>SG-17-5'</b>								Date & Time Sampled:	12/03/12 @ 16:40
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:57 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:57 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:57 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
Tetrachloroethene	<b>3.5</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE

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**ROB**  
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**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 025 <b>SG-17-5'</b>	Date & Time Sampled:								12/03/12 @ 16:40
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:57 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:57 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:57 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:57 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:57 HXE
[VOC Surrogates]									
Dibromofluoromethane	93		%REC	EPA 8260B			70-130	12/03/12	10:57 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	10:57 HXE
Bromofluorobenzene	111		%REC	EPA 8260B			70-130	12/03/12	10:57 HXE
Sample: 026 <b>SG-18-15'</b>	Date & Time Sampled:								12/03/12 @ 16:45
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	8:40 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	8:40 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:40 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:40 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 026 <b>SG-18-15'</b>								Date & Time Sampled:	12/03/12 @ 16:45
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:40 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:40 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	8:40 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:40 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:40 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 026 <b>SG-18-15'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:40 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	8:40 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	8:40 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	8:40 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:40 HXE
Tetrachloroethene	<b>0.068</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Toluene	<b>0.23</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	8:40 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	8:40 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	8:40 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 026 <b>SG-18-15'</b>								Date & Time Sampled:	12/03/12 @ 16:45
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	8:40 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	8:40 HXE
[VOC Surrogates]									
Dibromofluoromethane	112		%REC	EPA 8260B			70-130	12/03/12	8:40 HXE
Toluene-D8	107		%REC	EPA 8260B			70-130	12/03/12	8:40 HXE
Bromofluorobenzene	96		%REC	EPA 8260B			70-130	12/03/12	8:40 HXE
Sample: 027 <b>SG-20-5'</b>								Date & Time Sampled:	12/03/12 @ 16:47
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	9:48 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	9:48 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:48 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:48 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:48 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:48 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	9:48 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE

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**ROB**  
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**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 027 <b>SG-20-5'</b>								Date & Time Sampled:	12/03/12 @ 16:47
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:48 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:48 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:48 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	9:48 HXE

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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 027 <b>SG-20-5'</b>								Date & Time Sampled:	12/03/12 @ 16:47
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:48 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	9:48 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:48 HXE
Tetrachloroethene	<b>1.1</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	9:48 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	9:48 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:48 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:48 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	9:48 HXE
[VOC Surrogates]									
Dibromofluoromethane	112		%REC	EPA 8260B			70-130	12/03/12	9:48 HXE
Toluene-D8	105		%REC	EPA 8260B			70-130	12/03/12	9:48 HXE
Bromofluorobenzene	98		%REC	EPA 8260B			70-130	12/03/12	9:48 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 028 <b>SG-17-15'</b>								Date & Time Sampled:	12/03/12 @ 16:50
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	11:23 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	11:23 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:23 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:23 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:23 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:23 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	11:23 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:23 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:23 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 028 <b>SG-17-15'</b>					Date & Time Sampled:				12/03/12 @ 16:50
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:23 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	11:23 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:23 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	11:23 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:23 HXE
Tetrachloroethene	<b>2.7</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Toluene	<b>0.090</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 028 <b>SG-17-15'</b>					Date & Time Sampled:				12/03/12 @ 16:50
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	11:23 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	11:23 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:23 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:23 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	11:23 HXE
[VOC Surrogates]									
Dibromofluoromethane	91		%REC	EPA 8260B			70-130	12/03/12	11:23 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	11:23 HXE
Bromofluorobenzene	110		%REC	EPA 8260B			70-130	12/03/12	11:23 HXE
Sample: 029 <b>SG-19-15'</b>					Date & Time Sampled:				12/03/12 @ 17:01
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	9:25 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	9:25 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:25 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:25 HXE

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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 029 <b>SG-19-15'</b>								Date & Time Sampled:	12/03/12 @ 17:01
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:25 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:25 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	9:25 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:25 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:25 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00003**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69054  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 029 <b>SG-19-15'</b>								Date & Time Sampled:	12/03/12 @ 17:01
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:25 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	9:25 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:25 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	9:25 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:25 HXE
Tetrachloroethene	<b>3.9</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Toluene	<b>0.18</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,1,1-Trichloroethane	<b>0.074</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	9:25 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	9:25 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:25 HXE

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Sample: 029 <b>SG-19-15'</b>								Date & Time Sampled:	12/03/12 @ 17:01
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:25 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	9:25 HXE
[VOC Surrogates]									
Dibromofluoromethane	115		%REC	EPA 8260B			70-130	12/03/12	9:25 HXE
Toluene-D8	108		%REC	EPA 8260B			70-130	12/03/12	9:25 HXE
Bromofluorobenzene	104		%REC	EPA 8260B			70-130	12/03/12	9:25 HXE
Sample: 030 <b>SG-19-5'</b>								Date & Time Sampled:	12/03/12 @ 17:02
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	9:02 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	9:02 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:02 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:02 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:02 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:02 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	9:02 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE

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**ROB**  
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**Project: 4304 TEMPLE CITY BLVD.**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 030 <b>SG-19-5'</b>								Date & Time Sampled:	12/03/12 @ 17:02
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:02 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:02 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:02 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	9:02 HXE

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Sample: 030 <b>SG-19-5'</b>								Date & Time Sampled:	12/03/12 @ 17:02
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:02 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	9:02 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:02 HXE
Tetrachloroethene	<b>3.5</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,1,1-Trichloroethane	<b>0.060</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	9:02 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	9:02 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:02 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:02 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	9:02 HXE
[VOC Surrogates]									
Dibromofluoromethane	101		%REC	EPA 8260B			70-130	12/03/12	9:02 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	9:02 HXE
Bromofluorobenzene	94		%REC	EPA 8260B			70-130	12/03/12	9:02 HXE

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**Respectfully Submitted:**

*Ken Zheng*

Ken Zheng - President

## QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.

B1 = BOD dilution water is over specifications . The reported result may be biased high.

D = Surrogate recoveries are not calculated due to sample dilution.

E = Estimated value; Value exceeds calibration level of instrument.

H = Analyte was prepared and/or analyzed outside of the analytical method holding time

I = Matrix Interference.

J = Analyte concentration detected between RL and MDL.

Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.

S = Customer provided specification limit exceeded.

## ABBREVIATIONS

DF = Dilution Factor

RL = Reporting Limit, Adjusted by DF

MDL = Method Detection Limit, Adjusted by DF

Qual = Qualifier

Tech = Technician

*As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.*

*For any feedback concerning our services, please contact Marilu Escher, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at [arlab@arlaboratories.com](mailto:arlab@arlaboratories.com).*

# ARL

## A & R Laboratories

1401 Research Park Drive, Suite 100

Riverside, CA 92507

T: 951.779.0310 • 800.798.9336 F: 951.779.0344

[office@arlaboratories.com](mailto:office@arlaboratories.com)

## Chain of Custody Recor

1212 - 3

Page 1 of 5

Project No/Name:		Project Site: 4304 Temple City Bl.				
Project Manager: <i>S. JAWA</i>	Phone:	Fax:				
Customer Name: (Report and Billing) <i>ALPHA ENV.</i>		Street Address: (Report and Billing)				
Email: <i>ROB@ALPHAENV.COM</i>		City, State Zip				
Lab #	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type
1	SG-1-5' 1PV	grab	12/3/12	9:39	soil vapor	250cc glass vials
2	SG-1-5' 3PV			10:25		
3	SG-1-5' 10PV			10:45		
4	SG-1-15'			11:38		
5	SG-2-5'			11:58		
6	SG-2-15'			12:23		
7	SG-5-5'			12:44		
8	SG-5-15'			13:07		
9	SG-7-5'			13:30		
10	SG-7-15'			13:54		

1) Relinquished by: (Sampler's Signature) <i>general manager</i>	Date: 12/3/12	Time: 12:00	3) Relinquished by:	Date:	Time:	5) Relinquished by:	Date:	Time:	Disposal																																				
2) Received by:	Date:	Time:	4) Received by:	Date:	Time:	6) Received for Laboratory by:	Date:	Time:	Return																																				
<p>This section is to be completed by laboratory personnel:</p> <table border="1"> <tr> <td>Samples Chilled</td> <td>Custody Seals</td> <td>Samples Intact</td> <td>Temp C</td> <td>Delivery</td> <td colspan="4">Report Delivery Formats</td> </tr> <tr> <td><input type="radio"/> Yes</td> <td><input type="radio"/> Yes</td> <td><input type="radio"/> Yes</td> <td></td> <td><input type="radio"/> Courier</td> <td><input type="radio"/> Walk In</td> <td><input type="checkbox"/> Paper</td> <td><input type="checkbox"/> EMAIL</td> <td><input type="checkbox"/> XLS</td> </tr> <tr> <td><input type="radio"/> No</td> <td><input type="radio"/> No</td> <td><input type="radio"/> No</td> <td></td> <td><input type="radio"/> UPS/Fed Ex</td> <td colspan="4"><input type="checkbox"/> EDD, Type _____</td> </tr> <tr> <td><input type="radio"/> From Field</td> <td></td> <td></td> <td></td> <td></td> <td colspan="4"><input type="checkbox"/> EDF, EPA Site ID _____</td> </tr> </table>									Samples Chilled	Custody Seals	Samples Intact	Temp C	Delivery	Report Delivery Formats				<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes		<input type="radio"/> Courier	<input type="radio"/> Walk In	<input type="checkbox"/> Paper	<input type="checkbox"/> EMAIL	<input type="checkbox"/> XLS	<input type="radio"/> No	<input type="radio"/> No	<input type="radio"/> No		<input type="radio"/> UPS/Fed Ex	<input type="checkbox"/> EDD, Type _____				<input type="radio"/> From Field					<input type="checkbox"/> EDF, EPA Site ID _____				Lab Disposal
Samples Chilled	Custody Seals	Samples Intact	Temp C	Delivery	Report Delivery Formats																																								
<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes		<input type="radio"/> Courier	<input type="radio"/> Walk In	<input type="checkbox"/> Paper	<input type="checkbox"/> EMAIL	<input type="checkbox"/> XLS																																					
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<input type="radio"/> From Field					<input type="checkbox"/> EDF, EPA Site ID _____																																								
									Unless other arrangements are made samples will be disposed of 60 days after receipt.																																				

Laboratory Notes:

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · CONSUMER PRODUCTS · MOBILE LABORATORIES · COSMETICS

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

# ARL

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## Chain of Custody Record

A & R Work Order #:

1212-3

Page 2 of 3

Project No/Name:		Project Site: 4304 TEMPLE CITY BL				
Project Manager: <u>S JAWA</u>	Phone:	Fax:				
Customer Name: (Report and Billing) <u>ALPHA ENV.</u>		Street Address: (Report and Billing) <u>(same)</u>				
Email: <u>ROB@ALPHAEVN.COM</u>	City, State Zip <u>(same)</u>					
Lab #	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type
11	S6-9-5'	grab	12/3/12	14:16	Soil, vapor	250cc glass bub
12	S6-9-15'			14:40		
13	S6-11-5'			15:02		
14	S6-11-15'			15:24		
15	S6-15-5'			15:34		
16	S6-15-15'			15:56		
17	S6-13-5'			15:43		
18	S6-13-15'			16:07		
19	S6-13-15' DNP			16:07		
20	S6-16-5'			16:13		

1) Relinquished by: (Sampler's Signature)

C. Jawa

Date: 143/12  
Time:

3) Relinquished by:

Date:   
Time:

5) Relinquished by:

Date:   
Time:

2) Received by:

Date:   
Time:

4) Received by:

Date:   
Time:

6) Received for Laboratory by:

Date:   
Time:

Disposal

- Return
- Lab Disposal

Unless other arrangements are made samples will be disposed of 60 days after receipt.

1

Samples Chilled

- Yes
- No
- From Field

2

Custody Seals

- Yes
- No

3

Samples Intact

- Yes
- No

4

Temp C

Delivery

- Courier
- Walk In
- UPS/Fed Ex

Report Delivery Formats:

- Paper
- EMAIL
- XLS
- EDD, Type \_\_\_\_\_
- EDF, EPA Site ID \_\_\_\_\_

Laboratory Notes:

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White Copy - Original (Accompanies Samples)

Yellow Copy - A & R Files

Pink Copy - Client Copy

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## Chain of Custody Record

A & R Work Order #:

1212-3

Page 3 of 3

Project No/Name: 4304 Temple City A1

Project Manager: S. JAWA Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Customer Name: (Report and Billing) ALPHA ENV. Street Address: (Report and Billing) (SAME)

Email: \_\_\_\_\_ City, State Zip: (SAME)

Lab #	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type
21	S6-14-5'	Grab	12/3/12	16:14	S6:1 vapor	250cc glass bottle
22	S6-14-15'			16:26		
23	S6-16-15'			16:31		
24	S6-18-5'			16:33		
25	S6-17-5'			16:40		
26	S6-18-15'			16:45		
27	S6-20-5'			16:47		
28	S6-17-15'			16:50		
29	S6-19-15'			17:01		
30	S6-19-5'			17:02		

1) Relinquished by: (Sampler's Signature) [Signature] Date: 12/3/12 Time: \_\_\_\_\_ 3) Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ 5) Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

2) Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ 4) Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ 6) Received for Laboratory by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

This section is to be completed by laboratory personnel.

Samples Chilled	Custody Seals	Samples Intact	Temp C	Delivery
<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No		<input type="radio"/> Courier <input type="radio"/> Walk In <input type="radio"/> UPS/Fed Ex
<input type="radio"/> From Field				

Laboratory Notes:

Analyses Requested (circle appropriate)								Turn Around				
Preserved	Micro: Plate Count, Coliform, E. Coli	Chem: BOD, TSS, VSS, TDS, pH, EC	Chem: Cyanide, Ammonia, TKN, Oil & Grease	IC: Br, SO4, PO4, ND3, NO2, Cl	Metals: Title 22(CAM), or RCRA	LUFT Gas or 8015 GRO (C4-C12)	LUFT Diesel or 8015 DRO &or Oil	VOCs by GCMS: 8260B or 624	BTEX, OXYS by GCMS: 8260B or 624	SVOCs: 8270C or 625	Pest. &/or PCBs: 608 or 80818082	Turn Around
							X				<input type="radio"/> 24hr RUSH*	
											<input type="radio"/> 48hr RUSH*	
											<input type="radio"/> Normal	
											<input type="radio"/> Other	
											*PRIOR approval additional fee, work received after 4 pm will be processed next work day.	
											Special Instructions	

Disposal

Return  Lab Disposal

Unless other arrangements are made samples will be disposed of 60 days after receipt.

Report Delivery Formats

Paper  EMAIL  XLS  
 EDD, Type \_\_\_\_\_  
 EDF, EPA Site ID \_\_\_\_\_

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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 FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL

ROB  
 21220 DEVONSHIRE ST #205  
 CHATSWORTH, CA 91311

**1212-00003**

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012
Invoice No.	69054
Customer #	2098
Customer P.O.	

**Project: 4304 TEMPLE CITY BLVD.**

**Method #** EPA 8260B

**QC Reference #** 37570    **Date Analyzed:** 12/3/2012

**Technician:** HXE

**Samples** 001 002 003 004 005 006 007 008 009 010 011 012 013 014 017 018 019

### Results

LCS %REC    SURR%REC

1,1-Dichloroethene	99
Benzene	102
Bromofluorobenzene	98
Chlorobenzene	100
Dibromofluoromethane	103
Toluene	102
Toluene-D8	99
Trichloroethene	107

### Control Ranges

LCS %REC	BLKSRR%REC
70 - 130	
70 - 130	70 - 130
	70 - 130
70 - 130	70 - 130
70 - 130	70 - 130
70 - 130	70 - 130
70 - 130	

**QC Reference #** 37571    **Date Analyzed:** 12/3/2012

**Technician:** HXE

**Samples** 024 026 027 029 030

### Results

LCS %REC    SURR%REC

1,1-Dichloroethene	97
Benzene	102
Bromofluorobenzene	90
Chlorobenzene	100
Dibromofluoromethane	92
Toluene	95
Toluene-D8	98
Trichloroethene	105

### Control Ranges

LCS %REC	BLKSRR%REC
70 - 130	
70 - 130	70 - 130
	70 - 130
70 - 130	70 - 130
70 - 130	70 - 130
70 - 130	

**QC Reference #** 37572    **Date Analyzed:** 12/3/2012

**Technician:** HXE

**Samples** 020 021 022 023

### Results

LCS %DUP    LCS %REC    LCS %RPD    SURR%REC

1,1-Dichloroethene	104	102	2.1
Benzene	100	103	2.9
Bromofluorobenzene			120
Chlorobenzene	85	91	6.1
Dibromofluoromethane			98
Toluene	98	101	2.8
Toluene-D8			102
Trichloroethene	91	91	0.5

### Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	70 - 130
	0 - 25	
70 - 130	0 - 25	70 - 130
70 - 130	0 - 25	70 - 130
70 - 130	0 - 25	

**QC Reference #** 37573    **Date Analyzed:** 12/3/2012

**Technician:** HXE

**Samples** 015 016 025 028

### Results

LCS %REC    SURR%REC

1,1-Dichloroethene	110
Benzene	104
Bromofluorobenzene	112
Chlorobenzene	99
Dibromofluoromethane	91
Toluene	103
Toluene-D8	105
Trichloroethene	95

### Control Ranges

LCS %REC	BLKSRR%REC
70 - 130	
70 - 130	70 - 130
	70 - 130
70 - 130	70 - 130
70 - 130	70 - 130
70 - 130	



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## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL  
 ROB

1212-00003

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012

### Project: 4304 TEMPLE CITY BLVD.

#### Method blank results

Ref	Test Name	Result	Qualif	Units	MDL	PQL						
37570	Acetone	<10		µg/L	5.0	10	4-Isopropyltoluene	<0.10	µg/L	0.050	0.100	
	t-Amyl Methyl Ether (TAME)	<0.10		µg/L	0.050	0.100	Methylene Chloride	<2.0	µg/L	1.0	2.0	
	Benzene	<0.050		µg/L	0.036	0.050	4-Methyl-2-Pentanone (MIBK)	<1.0	µg/L	0.50	1.0	
	Bromobenzene	<0.10		µg/L	0.050	0.100	Methyl-t-butyl Ether (MtBE)	<0.10	µg/L	0.050	0.100	
	Bromoform	<0.10		µg/L	0.050	0.100	Naphthalene	<0.050	µg/L	0.032	0.050	
	Bromochloromethane	<0.10		µg/L	0.050	0.100	n-Propylbenzene	<0.10	µg/L	0.050	0.100	
	Bromodichloromethane	<0.10		µg/L	0.050	0.100	Styrene	<0.10	µg/L	0.050	0.100	
	Bromomethane	<0.20		µg/L	0.100	0.20	1,1,1,2-Tetrachloroethane	<0.10	µg/L	0.050	0.100	
	t-Butanol (TBA)	<1.0		µg/L	0.50	1.0	1,1,2,2-Tetrachloroethane	<0.20	µg/L	0.100	0.20	
	2-Butanone (MEK)	<1.0		µg/L	0.50	1.0	Tetrachloroethene	<0.10	µg/L	0.050	0.100	
	n-Butylbenzene	<0.10		µg/L	0.050	0.100	Toluene	<0.10	µg/L	0.050	0.100	
	sec-Butylbenzene	<0.10		µg/L	0.050	0.100	1,2,3-Trichlorobenzene	<0.10	µg/L	0.050	0.100	
	tert-Butylbenzene	<0.10		µg/L	0.050	0.100	1,2,4-Trichlorobenzene	<0.10	µg/L	0.050	0.100	
	Carbon Disulfide	<1.0		µg/L	0.50	1.0	1,1,1-Trichloroethane	<0.10	µg/L	0.050	0.100	
	Carbon Tetrachloride	<0.050		µg/L	0.025	0.050	1,1,2-Trichloroethane	<0.10	µg/L	0.050	0.100	
	Chlorobenzene	<0.10		µg/L	0.050	0.100	Trichloroethene	<0.10	µg/L	0.050	0.100	
	Chloroethane	<0.10		µg/L	0.050	0.100	1,2,3-Trichloropropane	<0.10	µg/L	0.050	0.100	
	Chloroform	<0.10		µg/L	0.050	0.100	Trichlorofluoromethane	<0.10	µg/L	0.050	0.100	
	Chloromethane	<0.20		µg/L	0.100	0.20	Trichlorotrifluoroethane	<0.20	µg/L	0.20	0.20	
	2-Chlorotoluene	<0.10		µg/L	0.050	0.100	1,2,4-Trimethylbenzene	<0.10	µg/L	0.050	0.100	
	4-Chlorotoluene	<0.10		µg/L	0.050	0.100	1,3,5-Trimethylbenzene	<0.10	µg/L	0.050	0.100	
	Dibromochloromethane	<0.10		µg/L	0.050	0.100	Vinyl Chloride	<0.050	µg/L	0.013	0.050	
	1,2-Dibromoethane (EDB)	<0.10		µg/L	0.050	0.100	m,p-Xylenes	<0.20	µg/L	0.100	0.20	
	1,2-Dibromo-3-Chloropropane	<1.0		µg/L	0.50	1.0	o-Xylene	<0.10	µg/L	0.050	0.100	
	Dibromomethane	<0.10		µg/L	0.050	0.100	Isopropanol (IPA)	<10	µg/L	10	10	
	1,2-Dichlorobenzene	<0.10		µg/L	0.050	0.100	37571	Acetone	<10	µg/L	5.0	10
	1,3-Dichlorobenzene	<0.10		µg/L	0.050	0.100	t-Amyl Methyl Ether (TAME)	<0.10	µg/L	0.050	0.100	
	1,4-Dichlorobenzene	<0.10		µg/L	0.050	0.100	Benzene	<0.050	µg/L	0.036	0.050	
	Dichlorodifluoromethane	<0.10		µg/L	0.050	0.100	Bromobenzene	<0.10	µg/L	0.050	0.100	
	1,1-Dichloroethane	<0.10		µg/L	0.050	0.100	Bromoform	<0.10	µg/L	0.050	0.100	
	1,2-Dichloroethane	<0.10		µg/L	0.050	0.100	Bromomethane	<0.20	µg/L	0.100	0.20	
	1,1-Dichloroethene	<0.10		µg/L	0.050	0.100	t-Butanol (TBA)	<1.0	µg/L	0.50	1.0	
	cis-1,2-Dichloroethene	<0.10		µg/L	0.050	0.100	2-Butanone (MEK)	<1.0	µg/L	0.50	1.0	
	trans-1,2-Dichloroethene	<0.10		µg/L	0.050	0.100	n-Butylbenzene	<0.10	µg/L	0.050	0.100	
	1,2-Dichloropropane	<0.10		µg/L	0.050	0.100	tert-Butylbenzene	<0.10	µg/L	0.050	0.100	
	1,3-Dichloropropane	<0.10		µg/L	0.050	0.100	Carbon Disulfide	<1.0	µg/L	0.50	1.0	
	2,2-Dichloropropane	<0.10		µg/L	0.050	0.100	Carbon Tetrachloride	<0.050	µg/L	0.025	0.050	
	1,1-Dichloropropene	<0.10		µg/L	0.050	0.100	Chlorobenzene	<0.10	µg/L	0.050	0.100	
	cis-1,3-Dichloropropene	<0.10		µg/L	0.050	0.100	Chloroethane	<0.10	µg/L	0.050	0.100	
	trans-1,3-Dichloropropene	<0.10		µg/L	0.050	0.100	Chloroform	<0.10	µg/L	0.050	0.100	
	Diisopropyl Ether (DiPE)	<0.10		µg/L	0.050	0.100	Chloromethane	<0.20	µg/L	0.100	0.20	
	Ethylbenzene	<0.10		µg/L	0.050	0.100	2-Chlorotoluene	<0.10	µg/L	0.050	0.100	
	Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	0.050	0.100	4-Chlorotoluene	<0.10	µg/L	0.050	0.100	
	Hexachlorobutadiene	<0.10		µg/L	0.050	0.100	Dibromochloromethane	<0.10	µg/L	0.050	0.100	
	2-Hexanone	<1.0		µg/L	0.50	1.0						
	Isopropylbenzene	<0.10		µg/L	0.050	0.100						



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## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL  
 ROB

**1212-00003**

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012

### Project: 4304 TEMPLE CITY BLVD.

Ref	Test Name	Result	Qualif	Units	MDL	PQL		Isopropanol (IPA)	<10	µg/L	10	10
	1,2-Dibromoethane (EDB)	<0.10		µg/L	0.050	0.100	37572	Acetone	<10	µg/L	5.0	10
	1,2-Dibromo-3-Chloropropane	<1.0		µg/L	0.50	1.0		t-Amyl Methyl Ether (TAME)	<0.10	µg/L	0.050	0.100
	Dibromomethane	<0.10		µg/L	0.050	0.100		Benzene	<0.050	µg/L	0.036	0.050
	1,2-Dichlorobenzene	<0.10		µg/L	0.050	0.100		Bromobenzene	<0.10	µg/L	0.050	0.100
	1,3-Dichlorobenzene	<0.10		µg/L	0.050	0.100		Bromochloromethane	<0.10	µg/L	0.050	0.100
	1,4-Dichlorobenzene	<0.10		µg/L	0.050	0.100		Bromodichloromethane	<0.10	µg/L	0.050	0.100
	Dichlorodifluoromethane	<0.10		µg/L	0.050	0.100		Bromoform	<0.10	µg/L	0.050	0.100
	1,1-Dichloroethane	<0.10		µg/L	0.050	0.100		Bromomethane	<0.20	µg/L	0.100	0.20
	1,2-Dichloroethane	<0.10		µg/L	0.050	0.100		t-Butanol (TBA)	<1.0	µg/L	0.50	1.0
	1,1-Dichloroethene	<0.10		µg/L	0.050	0.100		2-Butanone (MEK)	<1.0	µg/L	0.50	1.0
	cis-1,2-Dichloroethene	<0.10		µg/L	0.050	0.100		n-Butylbenzene	<0.10	µg/L	0.050	0.100
	trans-1,2-Dichloroethene	<0.10		µg/L	0.050	0.100		sec-Butylbenzene	<0.10	µg/L	0.050	0.100
	1,2-Dichloropropane	<0.10		µg/L	0.050	0.100		tert-Butylbenzene	<0.10	µg/L	0.050	0.100
	1,3-Dichloropropane	<0.10		µg/L	0.050	0.100		Carbon Disulfide	<1.0	µg/L	0.50	1.0
	2,2-Dichloropropane	<0.10		µg/L	0.050	0.100		Carbon Tetrachloride	<0.050	µg/L	0.025	0.050
	1,1-Dichloropropene	<0.10		µg/L	0.050	0.100		Chlorobenzene	<0.10	µg/L	0.050	0.100
	cis-1,3-Dichloropropene	<0.10		µg/L	0.050	0.100		Chloroethane	<0.10	µg/L	0.050	0.100
	trans-1,3-Dichloropropene	<0.10		µg/L	0.050	0.100		Chloroform	<0.10	µg/L	0.050	0.100
	Diisopropyl Ether (DiPE)	<0.10		µg/L	0.050	0.100		Chloromethane	<0.20	µg/L	0.100	0.20
	Ethylbenzene	<0.10		µg/L	0.050	0.100		2-Chlorotoluene	<0.10	µg/L	0.050	0.100
	Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	0.050	0.100		4-Chlorotoluene	<0.10	µg/L	0.050	0.100
	Hexachlorobutadiene	<0.10		µg/L	0.050	0.100		Dibromochloromethane	<0.10	µg/L	0.050	0.100
	2-Hexanone	<1.0		µg/L	0.50	1.0		1,2-Dibromoethane (EDB)	<0.10	µg/L	0.050	0.100
	Isopropylbenzene	<0.10		µg/L	0.050	0.100		1,2-Dibromo-3-Chloropropane	<1.0	µg/L	0.50	1.0
	4-Isopropyltoluene	<0.10		µg/L	0.050	0.100		Dibromomethane	<0.10	µg/L	0.050	0.100
	Methylene Chloride	<2.0		µg/L	1.0	2.0		1,2-Dichlorobenzene	<0.10	µg/L	0.050	0.100
	4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	0.50	1.0		1,3-Dichlorobenzene	<0.10	µg/L	0.050	0.100
	Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	0.050	0.100		1,4-Dichlorobenzene	<0.10	µg/L	0.050	0.100
	Naphthalene	<0.050		µg/L	0.032	0.050		Dichlorodifluoromethane	<0.10	µg/L	0.050	0.100
	n-Propylbenzene	<0.10		µg/L	0.050	0.100		1,1-Dichloroethane	<0.10	µg/L	0.050	0.100
	Styrene	<0.10		µg/L	0.050	0.100		1,2-Dichloroethane	<0.10	µg/L	0.050	0.100
	1,1,1,2-Tetrachloroethane	<0.10		µg/L	0.050	0.100		1,1-Dichloroethene	<0.10	µg/L	0.050	0.100
	1,1,2,2-Tetrachloroethane	<0.20		µg/L	0.100	0.20		cis-1,2-Dichloroethene	<0.10	µg/L	0.050	0.100
	Tetrachloroethene	<0.10		µg/L	0.050	0.100		trans-1,2-Dichloroethene	<0.10	µg/L	0.050	0.100
	Toluene	<0.10		µg/L	0.050	0.100		1,2-Dichloropropane	<0.10	µg/L	0.050	0.100
	1,2,3-Trichlorobenzene	<0.10		µg/L	0.050	0.100		1,3-Dichloropropane	<0.10	µg/L	0.050	0.100
	1,2,4-Trichlorobenzene	<0.10		µg/L	0.050	0.100		2,2-Dichloropropane	<0.10	µg/L	0.050	0.100
	1,1,1-Trichloroethane	<0.10		µg/L	0.050	0.100		1,1-Dichloropropene	<0.10	µg/L	0.050	0.100
	1,1,2-Trichloroethane	<0.10		µg/L	0.050	0.100		cis-1,3-Dichloropropene	<0.10	µg/L	0.050	0.100
	Trichloroethene	<0.10		µg/L	0.050	0.100		trans-1,3-Dichloropropene	<0.10	µg/L	0.050	0.100
	1,2,3-Trichloropropane	<0.10		µg/L	0.050	0.100		Diisopropyl Ether (DIPE)	<0.10	µg/L	0.050	0.100
	Trichlorofluoromethane	<0.10		µg/L	0.050	0.100		Ethylbenzene	<0.10	µg/L	0.050	0.100
	Trichlorotrifluoroethane	<0.20		µg/L	0.20	0.20		Ethyl-t-Butyl Ether (EtBE)	<0.10	µg/L	0.050	0.100
	1,2,4-Trimethylbenzene	<0.10		µg/L	0.050	0.100		Hexachlorobutadiene	<0.10	µg/L	0.050	0.100
	1,3,5-Trimethylbenzene	<0.10		µg/L	0.050	0.100		2-Hexanone	<1.0	µg/L	0.50	1.0
	Vinyl Chloride	<0.050		µg/L	0.013	0.050		Isopropylbenzene	<0.10	µg/L	0.050	0.100
	m,p-Xylenes	<0.20		µg/L	0.100	0.20		4-Isopropyltoluene	<0.10	µg/L	0.050	0.100
	o-Xylene	<0.10		µg/L	0.050	0.100		Methylene Chloride	<2.0	µg/L	1.0	2.0



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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL  
 ROB

1212-00003

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012

### Project: 4304 TEMPLE CITY BLVD.

Ref	Test Name	Result	Qualif	Units	MDL	PQL	1,2-Dichlorobenzene	<0.10	µg/L	0.050	0.100
37573	4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	0.50	1.0	1,3-Dichlorobenzene	<0.10	µg/L	0.050	0.100
	Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	0.050	0.100	1,4-Dichlorobenzene	<0.10	µg/L	0.050	0.100
	Naphthalene	<0.050		µg/L	0.032	0.050	Dichlorodifluoromethane	<0.10	µg/L	0.050	0.100
	n-Propylbenzene	<0.10		µg/L	0.050	0.100	1,1-Dichloroethane	<0.10	µg/L	0.050	0.100
	Styrene	<0.10		µg/L	0.050	0.100	1,2-Dichloroethane	<0.10	µg/L	0.050	0.100
	1,1,1,2-Tetrachloroethane	<0.10		µg/L	0.050	0.100	1,1-Dichloroethene	<0.10	µg/L	0.050	0.100
	1,1,2,2-Tetrachloroethane	<0.20		µg/L	0.100	0.20	cis-1,2-Dichloroethene	<0.10	µg/L	0.050	0.100
	Tetrachloroethene	<0.10		µg/L	0.050	0.100	trans-1,2-Dichloroethene	<0.10	µg/L	0.050	0.100
	Toluene	<0.10		µg/L	0.050	0.100	1,2-Dichloropropane	<0.10	µg/L	0.050	0.100
	1,2,3-Trichlorobenzene	<0.10		µg/L	0.050	0.100	1,3-Dichloropropane	<0.10	µg/L	0.050	0.100
	1,2,4-Trichlorobenzene	<0.10		µg/L	0.050	0.100	2,2-Dichloropropane	<0.10	µg/L	0.050	0.100
	1,1,1-Trichloroethane	<0.10		µg/L	0.050	0.100	1,1-Dichloropropene	<0.10	µg/L	0.050	0.100
	1,1,2-Trichloroethane	<0.10		µg/L	0.050	0.100	cis-1,3-Dichloropropene	<0.10	µg/L	0.050	0.100
	Trichloroethene	<0.10		µg/L	0.050	0.100	trans-1,3-Dichloropropene	<0.10	µg/L	0.050	0.100
	1,2,3-Trichloropropane	<0.10		µg/L	0.050	0.100	Diisopropyl Ether (DiPE)	<0.10	µg/L	0.050	0.100
	Trichlorofluoromethane	<0.10		µg/L	0.050	0.100	Ethylbenzene	<0.10	µg/L	0.050	0.100
	Trichlorotrifluoroethane	<0.20		µg/L	0.20	0.20	Ethyl-t-Butyl Ether (EtBE)	<0.10	µg/L	0.050	0.100
	1,2,4-Trimethylbenzene	<0.10		µg/L	0.050	0.100	Hexachlorobutadiene	<0.10	µg/L	0.050	0.100
	1,3,5-Trimethylbenzene	<0.10		µg/L	0.050	0.100	2-Hexanone	<1.0	µg/L	0.50	1.0
	Vinyl Chloride	<0.050		µg/L	0.013	0.050	Isopropylbenzene	<0.10	µg/L	0.050	0.100
	m,p-Xylenes	<0.20		µg/L	0.100	0.20	4-Isopropyltoluene	<0.10	µg/L	0.050	0.100
	o-Xylene	<0.10		µg/L	0.050	0.100	Methylene Chloride	<2.0	µg/L	1.0	2.0
	Isopropanol (IPA)	<10		µg/L	10	10	4-Methyl-2-Pentanone (MIBK)	<1.0	µg/L	0.50	1.0
	Acetone	<10		µg/L	5.0	10	Methyl-t-butyl Ether (MtBE)	<0.10	µg/L	0.050	0.100
	t-Amyl Methyl Ether (TAME)	<0.10		µg/L	0.050	0.100	Naphthalene	<0.050	µg/L	0.032	0.050
	Benzene	<0.050		µg/L	0.036	0.050	n-Propylbenzene	<0.10	µg/L	0.050	0.100
	Bromobenzene	<0.10		µg/L	0.050	0.100	Styrene	<0.10	µg/L	0.050	0.100
	Bromochloromethane	<0.10		µg/L	0.050	0.100	1,1,1,2-Tetrachloroethane	<0.10	µg/L	0.050	0.100
	Bromodichloromethane	<0.10		µg/L	0.050	0.100	1,1,2,2-Tetrachloroethane	<0.20	µg/L	0.100	0.20
	Bromoform	<0.10		µg/L	0.050	0.100	Tetrachloroethene	<0.10	µg/L	0.050	0.100
	Bromomethane	<0.20		µg/L	0.100	0.20	Toluene	<0.10	µg/L	0.050	0.100
	t-Butanol (TBA)	<1.0		µg/L	0.50	1.0	1,2,3-Trichlorobenzene	<0.10	µg/L	0.050	0.100
	2-Butanone (MEK)	<1.0		µg/L	0.50	1.0	1,2,4-Trichlorobenzene	<0.10	µg/L	0.050	0.100
	n-Butylbenzene	<0.10		µg/L	0.050	0.100	1,1,1-Trichloroethane	<0.10	µg/L	0.050	0.100
	sec-Butylbenzene	<0.10		µg/L	0.050	0.100	1,1,2-Trichloroethane	<0.10	µg/L	0.050	0.100
	tert-Butylbenzene	<0.10		µg/L	0.050	0.100	Trichloroethene	<0.10	µg/L	0.050	0.100
	Carbon Disulfide	<1.0		µg/L	0.50	1.0	1,2,3-Trichloropropane	<0.10	µg/L	0.050	0.100
	Carbon Tetrachloride	<0.050		µg/L	0.025	0.050	Trichlorofluoromethane	<0.10	µg/L	0.050	0.100
	Chlorobenzene	<0.10		µg/L	0.050	0.100	Trichlorotrifluoroethane	<0.20	µg/L	0.20	0.20
	Chloroethane	<0.10		µg/L	0.050	0.100	1,2,4-Trimethylbenzene	<0.10	µg/L	0.050	0.100
	Chloroform	<0.10		µg/L	0.050	0.100	1,3,5-Trimethylbenzene	<0.10	µg/L	0.050	0.100
	Chloromethane	<0.20		µg/L	0.100	0.20	Vinyl Chloride	<0.050	µg/L	0.013	0.050
	2-Chlorotoluene	<0.10		µg/L	0.050	0.100	m,p-Xylenes	<0.20	µg/L	0.100	0.20
	4-Chlorotoluene	<0.10		µg/L	0.050	0.100	o-Xylene	<0.10	µg/L	0.050	0.100
	Dibromochloromethane	<0.10		µg/L	0.050	0.100	Isopropanol (IPA)	<10	µg/L	10	10
	1,2-Dibromoethane (EDB)	<0.10		µg/L	0.050	0.100					
	1,2-Dibromo-3-Chloropropane	<1.0		µg/L	0.50	1.0					
	Dibromomethane	<0.10		µg/L	0.050	0.100					



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LA City#	10261
ELAP#'s	2789
	2790
	2122

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## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL  
 ROB

**1212-00003**

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012

**Project: 4304 TEMPLE CITY BLVD.**

Comments:

*Respectfully Submitted:*

*Ken Zheng*

Ken Zheng - President

*For any feedback concerning our services, please contact Marilu Escher, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at [arlab@arlaboratories.com](mailto:arlab@arlaboratories.com).*

# ARL

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## Chain of Custody Recor

1212 - 3

Page 1 of 5

Project No/Name:		Project Site: 4304 Temple City Bl.				
Project Manager: <i>S. JAWA</i>	Phone:	Fax:				
Customer Name: (Report and Billing) <i>ALPHA ENV.</i>		Street Address: (Report and Billing)				
Email: <i>ROB@ALPHAENV.COM</i>		City, State Zip				
Lab #	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type
1	SG-1-5' 1PV	grab	12/3/12	9:39	soil vapor	250cc glass vials
2	SG-1-5' 3PV			10:25		
3	SG-1-5' 10PV			10:45		
4	SG-1-15'			11:38		
5	SG-2-5'			11:58		
6	SG-2-15'			12:23		
7	SG-5-5'			12:44		
8	SG-5-15'			13:07		
9	SG-7-5'			13:30		
10	SG-7-15'			13:54		

1) Relinquished by: (Sampler's Signature) <i>general manager</i>	Date: 12/3/12	Time: 12:00	3) Relinquished by:	Date:	Time:	5) Relinquished by:	Date:	Time:	Disposal																																				
2) Received by:	Date:	Time:	4) Received by:	Date:	Time:	6) Received for Laboratory by:	Date:	Time:	Return																																				
<p>This section is to be completed by laboratory personnel:</p> <table border="1"> <tr> <td>Samples Chilled</td> <td>Custody Seals</td> <td>Samples Intact</td> <td>Temp C</td> <td>Delivery</td> <td colspan="4">Report Delivery Formats</td> </tr> <tr> <td><input type="radio"/> Yes</td> <td><input type="radio"/> Yes</td> <td><input type="radio"/> Yes</td> <td></td> <td><input type="radio"/> Courier</td> <td><input type="radio"/> Walk In</td> <td><input type="checkbox"/> Paper</td> <td><input type="checkbox"/> EMAIL</td> <td><input type="checkbox"/> XLS</td> </tr> <tr> <td><input type="radio"/> No</td> <td><input type="radio"/> No</td> <td><input type="radio"/> No</td> <td></td> <td><input type="radio"/> UPS/Fed Ex</td> <td colspan="4"><input type="checkbox"/> EDD, Type _____</td> </tr> <tr> <td><input type="radio"/> From Field</td> <td></td> <td></td> <td></td> <td></td> <td colspan="4"><input type="checkbox"/> EDF, EPA Site ID _____</td> </tr> </table>									Samples Chilled	Custody Seals	Samples Intact	Temp C	Delivery	Report Delivery Formats				<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes		<input type="radio"/> Courier	<input type="radio"/> Walk In	<input type="checkbox"/> Paper	<input type="checkbox"/> EMAIL	<input type="checkbox"/> XLS	<input type="radio"/> No	<input type="radio"/> No	<input type="radio"/> No		<input type="radio"/> UPS/Fed Ex	<input type="checkbox"/> EDD, Type _____				<input type="radio"/> From Field					<input type="checkbox"/> EDF, EPA Site ID _____				Lab Disposal
Samples Chilled	Custody Seals	Samples Intact	Temp C	Delivery	Report Delivery Formats																																								
<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> Yes		<input type="radio"/> Courier	<input type="radio"/> Walk In	<input type="checkbox"/> Paper	<input type="checkbox"/> EMAIL	<input type="checkbox"/> XLS																																					
<input type="radio"/> No	<input type="radio"/> No	<input type="radio"/> No		<input type="radio"/> UPS/Fed Ex	<input type="checkbox"/> EDD, Type _____																																								
<input type="radio"/> From Field					<input type="checkbox"/> EDF, EPA Site ID _____																																								
									Unless other arrangements are made samples will be disposed of 60 days after receipt.																																				

Laboratory Notes:

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The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.



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## Chain of Custody Record

A & R Work Order #:

1212-3

Page 2 of 3

Project No/Name:		Project Site: 4304 TEMPLE CITY BL				
Project Manager: <b>S JAWA</b>	Phone:	Fax:				
Customer Name: (Report and Billing) <b>ALPHA ENV.</b>		Street Address: (Report and Billing)				
Email: <b>ROB@ALPHAEVN.COM</b>		City, State Zip <b>(SAME)</b>				
Lab # (Lab use only)	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type
11	SG-9-5'	grab	12/3/12	14:16	Soil-vapor	250cc glass bub
12	SG-9-15'			14:40		
13	SG-11-5'			15:02		
14	SG-11-15'			15:24		
15	SG-15-5'			15:34		
16	SG-15-15'			15:56		
17	SG-13-5'			15:43		
18	SG-13-15'			16:07		
19	SG-13-15' DNP			16:07		
20	SG-16-5'			16:13		
1) Relinquished by: (Sampler's Signature) <i>dwj</i>		Date:	Time:	3) Relinquished by:		
		12/3/12				
2) Received by: <i>dwj</i>		Date:	Time:	4) Received by:		
<i>This section is to be completed by laboratory personnel:</i>						
Samples Chilled		Custody Seals		Samples Intact		Delivery
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Courier
<input type="radio"/> From Field						<input type="radio"/> UPS/FedEx
Laboratory Notes:						

Analyses Requested (circle appropriate)										Turn Around		
Micro: Plate Cnt, Coliform, E-Coli											<input type="radio"/> 24hr RUSH*	
Chem: BOD, TSS, VSS, TDS, pH, EC											<input type="radio"/> 48hr RUSH*	
Chem: Cyanide, Ammonia, TKN, Oil & Grease											<input type="radio"/> Normal	
IC: Br, SO4, PO4, NO3, NO2, Cl											<input type="radio"/> Other	
Metals: Title 22(CAM) or RCRA												
LJUFT Gas or 8015 GRO (C4-C12)												
LJUFT Diesel or 8015 DRO &/or Oil												
VOCS by GCMS: 8260b or 624	X	X	X	X	X	X	X	X	X	X		
BTEX, OXY's by GCMS: 8260B or 624												
SVOCCs: 8270C or 625												
Pest. &/or PCBs: 608 or 8081/8082												
Special Instructions												
Date:	Time:	5) Relinquished by:					Date:	Time:	Disposal			
Date:	Time:	6) Received for Laboratory by:					Date:	Time:	<input type="radio"/> Return			
Report Delivery Formats										<input type="radio"/> Lab Disposal		
<input type="checkbox"/> Paper <input type="checkbox"/> EMAIL <input type="checkbox"/> XLS <input type="checkbox"/> EDD, Type _____ <input type="checkbox"/> EDF, EPA Site ID _____										Unless other arrangements are made samples will be disposed of 60 days after receipt.		
<input type="radio"/> Walk In		Ex										

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## Chain of Custody Record

A & R Work Order #:

1212-3

Page 3 of 3

Project No/Name:

Project Site:

4304 Temple City B1

Project Manager:

S. JAWA

Phone:

Fax:

Customer Name: (Report and Billing)

ALPHA ENV.

Street Address: (Report and Billing)

(SAME)

Email:

City, State Zip

Lab #	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type
21	S6-14-5'	Grab	12/3/12	16:14	S6:1 vapor	250cc glass bottle
22	S6-14-15'			16:26		
23	S6-16-15'			16:31		
24	S6-18-5'			16:33		
25	S6-17-5'			16:40		
26	S6-18-15'			16:45		
27	S6-20-5'			16:47		
28	S6-17-15'			16:50		
29	S6-19-15'			17:01		
30	S6-19-5'			17:02		

1) Relinquished by: (Sampler's Signature)

Date:

12/3/12

Time:

3) Relinquished by:

Date:

Time:

5) Relinquished by:

Date:

Time:

Disposal

Return

Lab Disposal

2) Received by:

Date:

Time:

4) Received by:

Date:

Time:

6) Received for Laboratory by:

Date:

Time:

Unless other arrangements are made samples will be disposed of 60 days after receipt.

Samples Chilled	Custody Seals	This section is to be completed by laboratory personnel.		
<input type="radio"/> Yes	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
<input type="radio"/> From Field				

Samples Intact	Temp C
<input type="radio"/> Yes	<input type="radio"/> No

Delivery	
<input type="radio"/> Courier	<input type="radio"/> Walk In
<input type="radio"/> UPS/Fed Ex	

Report Delivery Formats		
<input type="checkbox"/> Paper	<input type="checkbox"/> EMAIL	<input type="checkbox"/> XLS
<input type="checkbox"/> EDD, Type		
<input type="checkbox"/> EDF, EPA Site ID		

Laboratory Notes:

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The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.



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*Formerly Microbac Southern California*

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CASE NARRATIVE

Authorized Signature Name / Title (print)

Ken Zheng, President

Signature / Date

Ken Zheng, President  
12/06/2012 16:38:17

Laboratory Job No. (Certificate of Analysis No.)

1212-00002

Project Name / No.

4304 TEMPLE CITY BLVD., EL MONTE

Dates Sampled (from/to)

12/03/12 To 12/03/12

Dates Received (from/to)

12/03/12 To 12/03/12

Dates Reported (from/to)

12/06/12 To 12/6/2012

Chains of Custody Received

Yes

Comments:

### Subcontracting

Organic Analyses

No analyses sub-contracted

### Sample Condition(s)

All samples intact



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Laboratory Job# 1212-00002

Positive Results (Organic Compounds)											
Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
SG-3-5'	Tetrachloroethene	0.24		µg/L	0.10	SG-3-5'	Trichloroethene	0.11		µg/L	0.10
SG-3-15'	Tetrachloroethene	0.23		µg/L	0.10	SG-3-15'	Trichloroethene	0.080 J		µg/L	0.10
SG-4-5'	1,1,1-Trichloroethane	0.24		µg/L	0.10	SG-4-15'	1,1,1-Trichloroethane	0.11		µg/L	0.10
SG-4-15'	Tetrachloroethene	0.060 J		µg/L	0.10	SG-4-15'	Toluene	0.050 J		µg/L	0.10
SG-6-5'	Tetrachloroethene	0.19		µg/L	0.10	SG-6-5'	Toluene	0.050 J		µg/L	0.10
SG-6-5'	Trichloroethene	0.10		µg/L	0.10	SG-6-15'	Tetrachloroethene	5.4		µg/L	0.10
SG-6-15'	Toluene	0.11		µg/L	0.10	SG-6-15'	Trichloroethene	3.9		µg/L	0.10
SG-8-5'	1,1,1-Trichloroethane	0.10		µg/L	0.10	SG-8-5'	Tetrachloroethene	0.30		µg/L	0.10
SG-8-5'	Trichloroethene	0.060 J		µg/L	0.10	SG-8-15'	1,1,1-Trichloroethane	0.19		µg/L	0.10
SG-8-15'	Tetrachloroethene	0.90		µg/L	0.10	SG-8-15'	Toluene	0.11		µg/L	0.10
SG-8-15'	Trichloroethene	0.77		µg/L	0.10	SG-10-5'	1,1,1-Trichloroethane	2.1		µg/L	0.10
SG-10-5'	Tetrachloroethene	0.99		µg/L	0.10	SG-10-5'	Trichloroethene	0.24		µg/L	0.10
SG-10-15'	1,1,1-Trichloroethane	2.3		µg/L	0.10	SG-10-15'	1,1-Dichloroethane	0.060 J		µg/L	0.10
SG-10-15'	1,1-Dichloroethene	0.20		µg/L	0.10	SG-10-15'	Tetrachloroethene	2.3		µg/L	0.10
SG-10-15'	Toluene	0.13		µg/L	0.10	SG-10-15'	Trichloroethene	3.2		µg/L	0.10
SG-12-5'	1,1,1-Trichloroethane	3.2		µg/L	0.10	SG-12-5'	1,1-Dichloroethene	0.060 J		µg/L	0.10
SG-12-5'	Tetrachloroethene	0.93		µg/L	0.10	SG-12-5'	Trichloroethene	0.20		µg/L	0.10
SG-12-15'	1,1,1-Trichloroethane	2.7		µg/L	0.10	SG-12-15'	1,1-Dichloroethene	0.15		µg/L	0.10
SG-12-15'	Tetrachloroethene	0.85		µg/L	0.10	SG-12-15'	Toluene	0.10		µg/L	0.10
SG-12-15'	Trichloroethene	1.2		µg/L	0.10	SG-14-5' DUP	1,1,1-Trichloroethane	1.0		µg/L	0.10
SG-14-5' DUP	Tetrachloroethene	0.21		µg/L	0.10	SG-20-15'	1,1,1-Trichloroethane	0.058 J		µg/L	0.10
SG-20-15'	Tetrachloroethene	0.080 J		µg/L	0.10	SG-20-15'	Toluene	0.21		µg/L	0.10



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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 001 <b>MB</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	9:41 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	9:41 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:41 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:41 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:41 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:41 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	9:41 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:41 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:41 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 001 <b>MB</b>					Date & Time Sampled:				12/03/12 @ 9:20
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:41 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	9:41 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	9:41 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	9:41 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:41 HXE
Tetrachloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 001 <b>MB</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	9:41 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	9:41 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	9:41 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	9:41 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	9:41 HXE
[VOC Surrogates]									
Dibromofluoromethane	98		%REC	EPA 8260B			70-130	12/03/12	9:41 HXE
Toluene-D8	102		%REC	EPA 8260B			70-130	12/03/12	9:41 HXE
Bromofluorobenzene	120		%REC	EPA 8260B			70-130	12/03/12	9:41 HXE
Sample: 002 <b>MB AIR</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:06 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:06 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:06 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:06 HXE

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**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 002 <b>MB AIR</b>								Date & Time Sampled:	12/03/12 @ 9:55
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:06 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:06 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:06 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:06 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:06 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 002 <b>MB AIR</b>					Date & Time Sampled:				12/03/12 @ 9:55
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
.....continued									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:06 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:06 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:06 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:06 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:06 HXE
Tetrachloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:06 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:06 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:06 HXE

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**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported      12/06/12  
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Invoice No.      69053  
Cust #      2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 002 <b>MB AIR</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
<b>....continued</b>					Date & Time Sampled:				
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:06 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:06 HXE
[VOC Surrogates]									
Dibromofluoromethane	88		%REC	EPA 8260B			70-130	12/03/12	10:06 HXE
Toluene-D8	103		%REC	EPA 8260B			70-130	12/03/12	10:06 HXE
Bromofluorobenzene	111		%REC	EPA 8260B			70-130	12/03/12	10:06 HXE
Sample: 003 <b>MB MATERIAL</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
[VOCs by GCMS]					Date & Time Sampled:				
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:32 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:32 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:32 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 003 <b>MB MATERIAL</b>								Date & Time Sampled:	12/03/12 @ 10:19
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:32 HXE

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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 003 <b>MB MATERIAL</b>								Date & Time Sampled:	12/03/12 @ 10:19
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>1</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:32 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:32 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
Tetrachloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:32 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:32 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:32 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:32 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:32 HXE
[VOC Surrogates]									
Dibromofluoromethane	91		%REC	EPA 8260B			70-130	12/03/12	10:32 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	10:32 HXE
Bromofluorobenzene	110		%REC	EPA 8260B			70-130	12/03/12	10:32 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 004 <b>SG-3-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	11:52
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	11:52
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:52
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:52
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:52
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:52
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	11:52
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:52
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:52
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52

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**1212-00002**

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**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
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Invoice No. 69053  
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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 004 <b>SG-3-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:52 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	11:52 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	11:52 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	11:52 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:52 HXE
Tetrachloroethene	<b>0.24</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 004 SG-3-5'	Date & Time Sampled:								12/03/12 @ 11:35
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Trichloroethene	0.11		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	11:52 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	11:52 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	11:52 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	11:52 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	11:52 HXE
[VOC Surrogates]									
Dibromofluoromethane	98		%REC	EPA 8260B			70-130	12/03/12	11:52 HXE
Toluene-D8	103		%REC	EPA 8260B			70-130	12/03/12	11:52 HXE
Bromofluorobenzene	119		%REC	EPA 8260B			70-130	12/03/12	11:52 HXE
Sample: 005 SG-3-15'	Date & Time Sampled:								12/03/12 @ 12:00
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	12:17 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	12:17 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:17 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:17 HXE

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Date Reported 12/06/12  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 005 <b>SG-3-15'</b>					Date & Time Sampled:				12/03/12 @ 12:00
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:17 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:17 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	12:17 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:17 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:17 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 005 <b>SG-3-15'</b>					Date & Time Sampled:				12/03/12 @ 12:00
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:17 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	12:17 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:17 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	12:17 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:17 HXE
Tetrachloroethene	<b>0.23</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Trichloroethene	<b>0.080</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	12:17 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	12:17 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:17 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 005 <b>SG-3-15'</b>	Date & Time Sampled:								12/03/12 @ 12:00
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:17 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	12:17 HXE
[VOC Surrogates]									
Dibromofluoromethane	93		%REC	EPA 8260B			70-130	12/03/12	12:17 HXE
Toluene-D8	105		%REC	EPA 8260B			70-130	12/03/12	12:17 HXE
Bromofluorobenzene	121		%REC	EPA 8260B			70-130	12/03/12	12:17 HXE
Sample: 006 <b>SG-4-5'</b>	Date & Time Sampled:								12/03/12 @ 12:27
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	12:43 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	12:43 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:43 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:43 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:43 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:43 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	12:43 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE

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**CHATSWORTH, CA 91311**

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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 006 <b>SG-4-5'</b>								Date & Time Sampled:	12/03/12 @ 12:27
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:43 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:43 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:43 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	12:43 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 006 <b>SG-4-5'</b>								Date & Time Sampled:	12/03/12 @ 12:27
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	12:43 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	12:43 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:43 HXE
Tetrachloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,1,1-Trichloroethane	<b>0.24</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	12:43 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	12:43 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	12:43 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	12:43 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	12:43 HXE
[VOC Surrogates]									
Dibromofluoromethane	91		%REC	EPA 8260B			70-130	12/03/12	12:43 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	12:43 HXE
Bromofluorobenzene	112		%REC	EPA 8260B			70-130	12/03/12	12:43 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 007 <b>SG-4-15'</b>								Date & Time Sampled:	12/03/12 @ 12:53
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	1:07 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	1:07 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:07 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:07 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:07 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:07 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	1:07 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:07 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:07 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 007 <b>SG-4-15'</b>					Date & Time Sampled:				12/03/12 @ 12:53
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:07 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	1:07 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:07 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	1:07 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:07 HXE
Tetrachloroethene	<b>0.060</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Toluene	<b>0.050</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,1,1-Trichloroethane	<b>0.11</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE

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**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
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Cust # 2098  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 007 <b>SG-4-15'</b>					Date & Time Sampled:				12/03/12 @ 12:53
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	1:07 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	1:07 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:07 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:07 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	1:07 HXE
[VOC Surrogates]									
Dibromofluoromethane	89		%REC	EPA 8260B			70-130	12/03/12	1:07 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	1:07 HXE
Bromofluorobenzene	111		%REC	EPA 8260B			70-130	12/03/12	1:07 HXE
Sample: 008 <b>SG-6-5'</b>					Date & Time Sampled:				12/03/12 @ 13:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	1:32 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	1:32 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:32 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:32 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 008 <b>SG-6-5'</b>								Date & Time Sampled:	12/03/12 @ 13:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:32 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:32 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	1:32 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:32 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:32 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 008 <b>SG-6-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>....continued</b>									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:32 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	1:32 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:32 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	1:32 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:32 HXE
Tetrachloroethene	<b>0.19</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Toluene	<b>0.050</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Trichloroethene	<b>0.10</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	1:32 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	1:32 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:32 HXE

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## CERTIFICATE OF ANALYSIS

1212-00002

ALPHA ENVIRONMENTAL  
ROB  
21220 DEVONSHIRE ST #205  
CHATSWORTH, CA 91311

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

Project: 4304 TEMPLE CITY BLVD., EL MONTE

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 008 SG-6-5'									
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
.....continued									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:32 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	1:32 HXE
[VOC Surrogates]									
Dibromofluoromethane	88		%REC	EPA 8260B			70-130	12/03/12	1:32 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	1:32 HXE
Bromofluorobenzene	109		%REC	EPA 8260B			70-130	12/03/12	1:32 HXE
Sample: 009 SG-6-15'									
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	1:57 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	1:57 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:57 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:57 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:57 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:57 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	1:57 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE

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**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 009 <b>SG-6-15'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>					Date & Time Sampled: 12/03/12 @ 13:40				
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:57 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:57 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:57 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	1:57 HXE

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**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 009 <b>SG-6-15'</b>								Date & Time Sampled:	12/03/12 @ 13:40
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	1:57 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	1:57 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:57 HXE
Tetrachloroethene	<b>5.4</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Toluene	<b>0.11</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,1,1-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Trichloroethene	<b>3.9</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	1:57 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	1:57 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	1:57 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	1:57 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	1:57 HXE
[VOC Surrogates]									
Dibromofluoromethane	88		%REC	EPA 8260B			70-130	12/03/12	1:57 HXE
Toluene-D8	105		%REC	EPA 8260B			70-130	12/03/12	1:57 HXE
Bromofluorobenzene	106		%REC	EPA 8260B			70-130	12/03/12	1:57 HXE

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**CHATSWORTH, CA 91311**

Date Reported	12/06/12
Date Received	12/03/12
Invoice No.	69053
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Permit Number	
Customer P.O.	

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 010 <b>SG-8-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	2:22
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	2:22
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:22
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:22
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:22
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:22
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	2:22
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:22
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:22
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22

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Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 010 <b>SG-8-5'</b>					Date & Time Sampled:				12/03/12 @ 14:05
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:22 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	2:22 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:22 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	2:22 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:22 HXE
Tetrachloroethene	<b>0.30</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,1,1-Trichloroethane	<b>0.10</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 010 <b>SG-8-5'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Trichloroethene	<b>0.060</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	2:22 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	2:22 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:22 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:22 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	2:22 HXE
[VOC Surrogates]									
Dibromofluoromethane	89		%REC	EPA 8260B			70-130	12/03/12	2:22 HXE
Toluene-D8	106		%REC	EPA 8260B			70-130	12/03/12	2:22 HXE
Bromofluorobenzene	106		%REC	EPA 8260B			70-130	12/03/12	2:22 HXE
Sample: 011 <b>SG-8-15'</b>									
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	2:47 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	2:47 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE

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**ROB**  
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**CHATSWORTH, CA 91311**

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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 011 <b>SG-8-15'</b>					Date & Time Sampled:				12/03/12 @ 14:30
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	2:47 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 011 <b>SG-8-15'</b>					Date & Time Sampled:				12/03/12 @ 14:30
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	2:47 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	2:47 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	2:47 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE
Tetrachloroethene	<b>0.90</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Toluene	<b>0.11</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,1-Trichloroethane	<b>0.19</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Trichloroethene	<b>0.77</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	2:47 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	2:47 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	2:47 HXE

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Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 011 <b>SG-8-15'</b>	Date & Time Sampled:								12/03/12 @ 14:30
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	2:47 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	2:47 HXE
[VOC Surrogates]									
Dibromofluoromethane	90		%REC	EPA 8260B			70-130	12/03/12	2:47 HXE
Toluene-D8	105		%REC	EPA 8260B			70-130	12/03/12	2:47 HXE
Bromofluorobenzene	111		%REC	EPA 8260B			70-130	12/03/12	2:47 HXE
Sample: 012 <b>SG-10-5'</b>	Date & Time Sampled:								12/03/12 @ 14:55
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	3:12 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	3:12 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:12 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:12 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:12 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:12 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	3:12 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 012 <b>SG-10-5'</b>								Date & Time Sampled:	12/03/12 @ 14:55
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:12 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:12 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:12 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	3:12 HXE

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**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 012 <b>SG-10-5'</b>								Date & Time Sampled:	12/03/12 @ 14:55
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:12 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	3:12 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:12 HXE
Tetrachloroethene	<b>0.99</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,1,1-Trichloroethane	<b>2.1</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Trichloroethene	<b>0.24</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	3:12 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	3:12 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:12 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:12 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	3:12 HXE
[VOC Surrogates]									
Dibromofluoromethane	88		%REC	EPA 8260B			70-130	12/03/12	3:12 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	3:12 HXE
Bromofluorobenzene	110		%REC	EPA 8260B			70-130	12/03/12	3:12 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 013 <b>SG-10-15'</b>								Date & Time Sampled:	12/03/12 @ 15:21
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	3:44 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	3:44 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:44 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:44 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:44 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:44 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	3:44 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:44 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:44 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,1-Dichloroethane	<b>0.060</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 013 <b>SG-10-15'</b>								Date & Time Sampled:	12/03/12 @ 15:21
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,1-Dichloroethene	<b>0.20</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:44 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	3:44 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	3:44 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	3:44 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:44 HXE
Tetrachloroethene	<b>2.3</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Toluene	<b>0.13</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,1,1-Trichloroethane	<b>2.3</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 013 SG-10-15'									
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
<b>.....continued</b>									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Trichloroethene	3.2		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	3:44 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	3:44 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	3:44 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	3:44 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	3:44 HXE
[VOC Surrogates]									
Dibromofluoromethane	98		%REC	EPA 8260B			70-130	12/03/12	3:44 HXE
Toluene-D8	102		%REC	EPA 8260B			70-130	12/03/12	3:44 HXE
Bromofluorobenzene	120		%REC	EPA 8260B			70-130	12/03/12	3:44 HXE
Sample: 014 SG-12-5'									
Sample Matrix: Soil Vapor									
Purge Volume Sampled: 10									
<b>[VOCs by GCMS]</b>									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	4:09 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	4:09 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:09 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:09 HXE

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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 014 <b>SG-12-5'</b>								Date & Time Sampled:	12/03/12 @ 15:46
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:09 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:09 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	4:09 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:09 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:09 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,1-Dichloroethene	<b>0.060</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE

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Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
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Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 014 <b>SG-12-5'</b>					Date & Time Sampled:				12/03/12 @ 15:46
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:09 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	4:09 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:09 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	4:09 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:09 HXE
Tetrachloroethene	<b>0.93</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,1,1-Trichloroethane	<b>3.2</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Trichloroethene	<b>0.20</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	4:09 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	4:09 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:09 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 014 <b>SG-12-5'</b>	Date & Time Sampled:								12/03/12 @ 15:46
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:09 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	4:09 HXE
[VOC Surrogates]									
Dibromofluoromethane	91		%REC	EPA 8260B			70-130	12/03/12	4:09 HXE
Toluene-D8	105		%REC	EPA 8260B			70-130	12/03/12	4:09 HXE
Bromofluorobenzene	110		%REC	EPA 8260B			70-130	12/03/12	4:09 HXE
Sample: 015 <b>SG-12-15'</b>	Date & Time Sampled:								12/03/12 @ 16:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	4:34 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	4:34 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:34 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:34 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:34 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:34 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	4:34 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 015 <b>SG-12-15'</b>								Date & Time Sampled:	12/03/12 @ 16:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:34 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:34 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,1-Dichloroethene	<b>0.15</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:34 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	4:34 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 015 <b>SG-12-15'</b>								Date & Time Sampled:	12/03/12 @ 16:14
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	4:34 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	4:34 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:34 HXE
Tetrachloroethene	<b>0.85</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Toluene	<b>0.10</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,1,1-Trichloroethane	<b>2.7</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Trichloroethene	<b>1.2</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	4:34 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	4:34 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	4:34 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	4:34 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	4:34 HXE
[VOC Surrogates]									
Dibromofluoromethane	91		%REC	EPA 8260B			70-130	12/03/12	4:34 HXE
Toluene-D8	104		%REC	EPA 8260B			70-130	12/03/12	4:34 HXE
Bromofluorobenzene	108		%REC	EPA 8260B			70-130	12/03/12	4:34 HXE



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**ROB**  
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Date Reported	12/06/12
Date Received	12/03/12
Invoice No.	69053
Cust #	2098
Permit Number	
Customer P.O.	

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 016 <b>SG-14-5' DUP</b>								Date & Time Sampled:	12/03/12 @ 16:34
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	7:30 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	7:30 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	7:30 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	7:30 HXE
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	7:30 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	7:30 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	7:30 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	7:30 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	7:30 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 016 <b>SG-14-5' DUP</b>					Date & Time Sampled:				12/03/12 @ 16:34
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	7:30 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	7:30 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	7:30 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	7:30 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	7:30 HXE
Tetrachloroethene	<b>0.21</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Toluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,1,1-Trichloroethane	<b>1.0</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 016 <b>SG-14-5' DUP</b>								Date & Time Sampled:	12/03/12 @ 16:34
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	7:30 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	7:30 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	7:30 HXE
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	7:30 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	7:30 HXE
[VOC Surrogates]									
Dibromofluoromethane	95		%REC	EPA 8260B			70-130	12/03/12	7:30 HXE
Toluene-D8	103		%REC	EPA 8260B			70-130	12/03/12	7:30 HXE
Bromofluorobenzene	122		%REC	EPA 8260B			70-130	12/03/12	7:30 HXE
Sample: 017 <b>SG-20-15'</b>								Date & Time Sampled:	12/03/12 @ 17:05
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
[VOCs by GCMS]									
Acetone	<10		µg/L	EPA 8260B	1	5.0	10	12/03/12	10:10 HXE
t-Amyl Methyl Ether (TAME)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Benzene	<0.050		µg/L	EPA 8260B	1	0.036	0.050	12/03/12	10:10 HXE
Bromobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Bromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Bromodichloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Bromoform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Bromomethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:10 HXE
t-Butanol (TBA)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:10 HXE

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## CERTIFICATE OF ANALYSIS

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

Date Reported 12/06/12  
Date Received 12/03/12  
Invoice No. 69053  
Cust # 2098  
Permit Number  
Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 017 <b>SG-20-15'</b>								Date & Time Sampled:	12/03/12 @ 17:05
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
<b>.....continued</b>									
2-Butanone (MEK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:10 HXE
n-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
sec-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
tert-Butylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Carbon Disulfide	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:10 HXE
Carbon Tetrachloride	<0.050		µg/L	EPA 8260B	1	0.025	0.050	12/03/12	10:10 HXE
Chlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Chloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Chloroform	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Chloromethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:10 HXE
2-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
4-Chlorotoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Dibromochloromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2-Dibromoethane (EDB)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2-Dibromo-3-Chloropropane	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:10 HXE
Dibromomethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,3-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,4-Dichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Dichlorodifluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,1-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2-Dichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,1-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
cis-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
trans-1,2-Dichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,3-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
2,2-Dichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,1-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
cis-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE

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**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 017 <b>SG-20-15'</b>					Date & Time Sampled:				12/03/12 @ 17:05
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
trans-1,3-Dichloropropene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Diisopropyl Ether (DiPE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Ethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Hexachlorobutadiene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
2-Hexanone	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:10 HXE
Isopropylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
4-Isopropyltoluene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Methylene Chloride	<2.0		µg/L	EPA 8260B	1	1.0	2.0	12/03/12	10:10 HXE
4-Methyl-2-Pentanone (MIBK)	<1.0		µg/L	EPA 8260B	1	0.50	1.0	12/03/12	10:10 HXE
Methyl-t-butyl Ether (MtBE)	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Naphthalene	<0.050		µg/L	EPA 8260B	1	0.032	0.050	12/03/12	10:10 HXE
n-Propylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Styrene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,1,1,2-Tetrachloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,1,2,2-Tetrachloroethane	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:10 HXE
Tetrachloroethene	<b>0.080</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Toluene	<b>0.21</b>		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2,3-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2,4-Trichlorobenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,1,1-Trichloroethane	<b>0.058</b>	J	µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,1,2-Trichloroethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Trichloroethene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,2,3-Trichloropropane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Trichlorofluoromethane	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Trichlorotrifluoroethane	<0.20		µg/L	EPA 8260B	1	0.20	0.20	12/03/12	10:10 HXE
1,2,4-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
1,3,5-Trimethylbenzene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
Vinyl Chloride	<0.050		µg/L	EPA 8260B	1	0.013	0.050	12/03/12	10:10 HXE
m,p-Xylenes	<0.20		µg/L	EPA 8260B	1	0.100	0.20	12/03/12	10:10 HXE

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**1212-00002**

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**ROB**  
**21220 DEVONSHIRE ST #205**  
**CHATSWORTH, CA 91311**

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Date Received      12/03/12  
Invoice No.      69053  
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Customer P.O.

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Analysis	Result	Qual	Units	Method	DF	MDL	RL	Date	Tech
Sample: 017 <b>SG-20-15'</b>								Date & Time Sampled:	12/03/12 @ 17:05
Sample Matrix: <b>Soil Vapor</b>									
Purge Volume Sampled: <b>10</b>									
.....continued									
o-Xylene	<0.10		µg/L	EPA 8260B	1	0.050	0.10	12/03/12	10:10 HXE
[VOC Vapor Sampling Tracer]									
Isopropanol (IPA)	<10		µg/L	EPA 8260B	1	10	10	12/03/12	10:10 HXE
[VOC Surrogates]									
Dibromofluoromethane	117		%REC	EPA 8260B			70-130	12/03/12	10:10 HXE
Toluene-D8	106		%REC	EPA 8260B			70-130	12/03/12	10:10 HXE
Bromofluorobenzene	101		%REC	EPA 8260B			70-130	12/03/12	10:10 HXE

**Respectfully Submitted:**

*Ken Zheng*

Ken Zheng - President

### QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.  
B1 = BOD dilution water is over specifications . The reported result may be biased high.  
D = Surrogate recoveries are not calculated due to sample dilution.  
E = Estimated value; Value exceeds calibration level of instrument.  
H = Analyte was prepared and/or analyzed outside of the analytical method holding time  
I = Matrix Interference.  
J = Analyte concentration detected between RL and MDL.  
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.  
S = Customer provided specification limit exceeded.

### ABBREVIATIONS

DF = Dilution Factor  
RL = Reporting Limit, Adjusted by DF  
MDL = Method Detection Limit, Adjusted by DF  
Qual = Qualifier  
Tech = Technician

*As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.*

*For any feedback concerning our services, please contact Marilu Escher, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at arlab@arlaboratories.com.*



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## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL

ROB  
 21220 DEVONSHIRE ST #205  
 CHATSWORTH, CA 91311

1212-00002

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012
Invoice No.	69053
Customer #	2098
Customer P.O.	

Project: 4304 TEMPLE CITY BLVD., EL MONTE

Method #		EPA 8260B																
QC Reference #		Date Analyzed:		Technician: HXE														
Samples		017																
Results																		
		LCS %REC	SURR%REC															
1,1-Dichloroethene		97																
Benzene		102																
Bromofluorobenzene			90															
Chlorobenzene		100																
Dibromofluoromethane			92															
Toluene		95																
Toluene-D8			98															
Trichloroethene		105																
QC Reference #		37572		Date Analyzed: 12/3/2012														
Samples		001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016		Technician: HXE														
Results																		
		LCS %DUP	LCS %REC	LCS %RPD	SURR%REC													
1,1-Dichloroethene		104	102	2.1														
Benzene		100	103	2.9														
Bromofluorobenzene				120														
Chlorobenzene		85	91	6.1														
Dibromofluoromethane				98														
Toluene		98	101	2.8														
Toluene-D8				102														
Trichloroethene		91	91	0.5														

### Control Ranges

LCS %REC	BLKSRR%REC
70 - 130	
70 - 130	70 - 130
70 - 130	70 - 130
70 - 130	70 - 130
70 - 130	70 - 130
70 - 130	

### Control Ranges

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	70 - 130
70 - 130	0 - 25	70 - 130
70 - 130	0 - 25	70 - 130
70 - 130	0 - 25	70 - 130



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## QUALITY CONTROL DATA REPORT

**1212-00002**

**ALPHA ENVIRONMENTAL**  
**ROB**

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012

### Project: 4304 TEMPLE CITY BLVD., EL MONTE

#### Method blank results

Ref	Test Name	Result	Qualif	Units	MDL	PQL	4-Isopropyltoluene	<0.10	µg/L	0.050	0.100	
37571	Acetone	<10		µg/L	5.0	10	Methylene Chloride	<2.0	µg/L	1.0	2.0	
	t-Amyl Methyl Ether (TAME)	<0.10		µg/L	0.050	0.100	4-Methyl-2-Pentanone (MIBK)	<1.0	µg/L	0.50	1.0	
	Benzene	<0.050		µg/L	0.036	0.050	Methyl-t-butyl Ether (MtBE)	<0.10	µg/L	0.050	0.100	
	Bromobenzene	<0.10		µg/L	0.050	0.100	Naphthalene	<0.050	µg/L	0.032	0.050	
	Bromoform	<0.10		µg/L	0.050	0.100	n-Propylbenzene	<0.10	µg/L	0.050	0.100	
	Bromochloromethane	<0.10		µg/L	0.050	0.100	Styrene	<0.10	µg/L	0.050	0.100	
	Bromodichloromethane	<0.10		µg/L	0.050	0.100	1,1,1,2-Tetrachloroethane	<0.10	µg/L	0.050	0.100	
	Bromomethane	<0.10		µg/L	0.100	0.20	1,1,2,2-Tetrachloroethane	<0.20	µg/L	0.100	0.20	
	t-Butanol (TBA)	<1.0		µg/L	0.50	1.0	Tetrachloroethene	<0.10	µg/L	0.050	0.100	
	2-Butanone (MEK)	<1.0		µg/L	0.50	1.0	Toluene	<0.10	µg/L	0.050	0.100	
	n-Butylbenzene	<0.10		µg/L	0.050	0.100	1,2,3-Trichlorobenzene	<0.10	µg/L	0.050	0.100	
	sec-Butylbenzene	<0.10		µg/L	0.050	0.100	1,2,4-Trichlorobenzene	<0.10	µg/L	0.050	0.100	
	tert-Butylbenzene	<0.10		µg/L	0.050	0.100	1,1,1-Trichloroethane	<0.10	µg/L	0.050	0.100	
	Carbon Disulfide	<1.0		µg/L	0.50	1.0	1,1,2-Trichloroethane	<0.10	µg/L	0.050	0.100	
	Carbon Tetrachloride	<0.050		µg/L	0.025	0.050	Trichloroethene	<0.10	µg/L	0.050	0.100	
	Chlorobenzene	<0.10		µg/L	0.050	0.100	1,2,3-Trichloropropane	<0.10	µg/L	0.050	0.100	
	Chloroethane	<0.10		µg/L	0.050	0.100	Trichlorofluoromethane	<0.10	µg/L	0.050	0.100	
	Chloroform	<0.10		µg/L	0.050	0.100	Trichlorotrifluoroethane	<0.20	µg/L	0.20	0.20	
	Chloromethane	<0.20		µg/L	0.100	0.20	1,2,4-Trimethylbenzene	<0.10	µg/L	0.050	0.100	
	2-Chlorotoluene	<0.10		µg/L	0.050	0.100	1,3,5-Trimethylbenzene	<0.10	µg/L	0.050	0.100	
	4-Chlorotoluene	<0.10		µg/L	0.050	0.100	Vinyl Chloride	<0.050	µg/L	0.013	0.050	
	Dibromochloromethane	<0.10		µg/L	0.050	0.100	m,p-Xylenes	<0.20	µg/L	0.100	0.20	
	1,2-Dibromoethane (EDB)	<0.10		µg/L	0.050	0.100	o-Xylene	<0.10	µg/L	0.050	0.100	
	1,2-Dibromo-3-Chloropropane	<1.0		µg/L	0.50	1.0	Isopropanol (IPA)	<10	µg/L	10	10	
	Dibromomethane	<0.10		µg/L	0.050	0.100	37572	Acetone	<10	µg/L	5.0	10
	1,2-Dichlorobenzene	<0.10		µg/L	0.050	0.100	37572	t-Amyl Methyl Ether (TAME)	<0.10	µg/L	0.050	0.100
	1,3-Dichlorobenzene	<0.10		µg/L	0.050	0.100	37572	Benzene	<0.050	µg/L	0.036	0.050
	1,4-Dichlorobenzene	<0.10		µg/L	0.050	0.100	37572	Bromobenzene	<0.10	µg/L	0.050	0.100
	Dichlorodifluoromethane	<0.10		µg/L	0.050	0.100	37572	Bromoform	<0.10	µg/L	0.050	0.100
	1,1-Dichloroethane	<0.10		µg/L	0.050	0.100	37572	Bromomethane	<0.20	µg/L	0.100	0.20
	1,2-Dichloroethane	<0.10		µg/L	0.050	0.100	37572	t-Butanol (TBA)	<1.0	µg/L	0.50	1.0
	1,1-Dichloroethene	<0.10		µg/L	0.050	0.100	37572	2-Butanone (MEK)	<1.0	µg/L	0.50	1.0
	cis-1,2-Dichloroethene	<0.10		µg/L	0.050	0.100	37572	n-Butylbenzene	<0.10	µg/L	0.050	0.100
	trans-1,2-Dichloroethene	<0.10		µg/L	0.050	0.100	37572	sec-Butylbenzene	<0.10	µg/L	0.050	0.100
	1,2-Dichloropropane	<0.10		µg/L	0.050	0.100	37572	tert-Butylbenzene	<0.10	µg/L	0.050	0.100
	1,3-Dichloropropane	<0.10		µg/L	0.050	0.100	37572	Carbon Disulfide	<1.0	µg/L	0.50	1.0
	2,2-Dichloropropane	<0.10		µg/L	0.050	0.100	37572	Carbon Tetrachloride	<0.050	µg/L	0.025	0.050
	1,1-Dichloropropene	<0.10		µg/L	0.050	0.100	37572	Chlorobenzene	<0.10	µg/L	0.050	0.100
	cis-1,3-Dichloropropene	<0.10		µg/L	0.050	0.100	37572	Chloroethane	<0.10	µg/L	0.050	0.100
	trans-1,3-Dichloropropene	<0.10		µg/L	0.050	0.100	37572	Chloroform	<0.10	µg/L	0.050	0.100
	Diisopropyl Ether (DiPE)	<0.10		µg/L	0.050	0.100	37572	Chloromethane	<0.20	µg/L	0.100	0.20
	Ethylbenzene	<0.10		µg/L	0.050	0.100	37572	2-Chlorotoluene	<0.10	µg/L	0.050	0.100
	Ethyl-t-Butyl Ether (EtBE)	<0.10		µg/L	0.050	0.100	37572	4-Chlorotoluene	<0.10	µg/L	0.050	0.100
	Hexachlorobutadiene	<0.10		µg/L	0.050	0.100	37572	Dibromochloromethane	<0.10	µg/L	0.050	0.100
	2-Hexanone	<1.0		µg/L	0.50	1.0						
	Isopropylbenzene	<0.10		µg/L	0.050	0.100						



# A & R Laboratories

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FDA#	2030513
LA City#	10261
ELAP#s	2789
	2790
	2122

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## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL  
 ROB

**1212-00002**

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012

### Project: 4304 TEMPLE CITY BLVD., EL MONTE

Ref	Test Name	Result	Qualif	Units	MDL	PQL	o-Xylene	<0.10	μg/L	0.050	0.100
	1,2-Dibromoethane (EDB)	<0.10		μg/L	0.050	0.100	Isopropanol (IPA)	<10	μg/L	10	10
	1,2-Dibromo-3-Chloropropane	<1.0		μg/L	0.50	1.0					
	Dibromomethane	<0.10		μg/L	0.050	0.100					
	1,2-Dichlorobenzene	<0.10		μg/L	0.050	0.100					
	1,3-Dichlorobenzene	<0.10		μg/L	0.050	0.100					
	1,4-Dichlorobenzene	<0.10		μg/L	0.050	0.100					
	Dichlorodifluoromethane	<0.10		μg/L	0.050	0.100					
	1,1-Dichloroethane	<0.10		μg/L	0.050	0.100					
	1,2-Dichloroethane	<0.10		μg/L	0.050	0.100					
	1,1-Dichloroethene	<0.10		μg/L	0.050	0.100					
	cis-1,2-Dichloroethene	<0.10		μg/L	0.050	0.100					
	trans-1,2-Dichloroethene	<0.10		μg/L	0.050	0.100					
	1,2-Dichloropropane	<0.10		μg/L	0.050	0.100					
	1,3-Dichloropropane	<0.10		μg/L	0.050	0.100					
	2,2-Dichloropropane	<0.10		μg/L	0.050	0.100					
	1,1-Dichloropropene	<0.10		μg/L	0.050	0.100					
	cis-1,3-Dichloropropene	<0.10		μg/L	0.050	0.100					
	trans-1,3-Dichloropropene	<0.10		μg/L	0.050	0.100					
	Diisopropyl Ether (DiPE)	<0.10		μg/L	0.050	0.100					
	Ethylbenzene	<0.10		μg/L	0.050	0.100					
	Ethyl-t-Butyl Ether (EtBE)	<0.10		μg/L	0.050	0.100					
	Hexachlorobutadiene	<0.10		μg/L	0.050	0.100					
	2-Hexanone	<1.0		μg/L	0.50	1.0					
	Isopropylbenzene	<0.10		μg/L	0.050	0.100					
	4-Isopropyltoluene	<0.10		μg/L	0.050	0.100					
	Methylene Chloride	<2.0		μg/L	1.0	2.0					
	4-Methyl-2-Pentanone (MIBK)	<1.0		μg/L	0.50	1.0					
	Methyl-t-butyl Ether (MtBE)	<0.10		μg/L	0.050	0.100					
	Naphthalene	<0.050		μg/L	0.032	0.050					
	n-Propylbenzene	<0.10		μg/L	0.050	0.100					
	Styrene	<0.10		μg/L	0.050	0.100					
	1,1,2-Tetrachloroethane	<0.10		μg/L	0.050	0.100					
	1,1,2,2-Tetrachloroethane	<0.20		μg/L	0.100	0.20					
	Tetrachloroethene	<0.10		μg/L	0.050	0.100					
	Toluene	<0.10		μg/L	0.050	0.100					
	1,2,3-Trichlorobenzene	<0.10		μg/L	0.050	0.100					
	1,2,4-Trichlorobenzene	<0.10		μg/L	0.050	0.100					
	1,1,1-Trichloroethane	<0.10		μg/L	0.050	0.100					
	1,1,2-Trichloroethane	<0.10		μg/L	0.050	0.100					
	Trichloroethene	<0.10		μg/L	0.050	0.100					
	1,2,3-Trichloropropane	<0.10		μg/L	0.050	0.100					
	Trichlorofluoromethane	<0.10		μg/L	0.050	0.100					
	Trichlorotrifluoroethane	<0.20		μg/L	0.20	0.20					
	1,2,4-Trimethylbenzene	<0.10		μg/L	0.050	0.100					
	1,3,5-Trimethylbenzene	<0.10		μg/L	0.050	0.100					
	Vinyl Chloride	<0.050		μg/L	0.013	0.050					
	m,p-Xylenes	<0.20		μg/L	0.100	0.20					



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## QUALITY CONTROL DATA REPORT

ALPHA ENVIRONMENTAL  
 ROB

**1212-00002**

Date Reported	12/06/2012
Date Received	12/03/2012
Date Sampled	12/03/2012

**Project: 4304 TEMPLE CITY BLVD., EL MONTE**

Comments:

*Respectfully Submitted:*

*Ken Zheng*

Ken Zheng - President

*For any feedback concerning our services, please contact Marilu Escher, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at [arlab@arlaboratories.com](mailto:arlab@arlaboratories.com).*

# ARL

## A & R Laboratories

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[office@arlaboratories.com](mailto:office@arlaboratories.com)

## Chain of Custody Recor

1212 - 2

Page 1 of 2

Project No/Name:		Project Site: <i>430k Temple City Blvd, ELMNT</i>					
Project Manager: <i>S. JAWA</i>		Phone: <i>(818)7724483</i>	Fax: <i>(818)7724980</i>				
Customer Name: (Report and Billing) <i>ALPHA ENVIRONMENTAL</i>		Street Address: (Report and Billing)					
Email:		City, State Zip					
Lab # (Lab use only)	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type	Preserved
-1	MB		12/3/12	9:20	Air	250ml G1 T	
-2	MB Air			9:55			
-3	MB Material			10:19			
-4	SG13-5'			11:35			
-5	SG3-15'			12:00			
-6	SG4-5'			12:27			
-7	SG4-15'			12:53			
-8	SG6-5'			13:14			
-9	SG6-15'			13:40			
-10	SG8-5'			14:05			

Analyses Requested (circle appropriate)								Turn Around			
Micro: Plate Cnt, Coliform, E-Coli	Chem: BOD, TSS, VSS, TDS, pH, EC	Chem: Cyanide, Ammonia, TKN, Oil & Grease	IC: Br, SO4, PO4, NO3, NO2, Cl	Metals: Title 22(CAM) or RCRA	LUFT Gas or 8015 GRO (C4-C12)	LUFT Diesel or 8015 DRO &/or Oil	VOCs by GCMS: 8260B or 624	BTEX, OXYS by GCMS (8260B or 624)	VOCs: 8270C or 625	Pest &/or PCBs: 608 or 8081/8082	*PRIORITY approval, additional fee, work received after 4 pm will be processed next work day.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special Instructions <i>PV10 Mobile Lab T... 12/3/12 14:05</i>											
Disposal <input type="checkbox"/> Return <input type="checkbox"/> Lab Disposal											
Unless other arrangements are made samples will be disposed of 60 days after receipt.											
Report Delivery Formats: <input type="checkbox"/> Paper <input type="checkbox"/> EMAIL <input type="checkbox"/> XLS <input type="checkbox"/> EDD, Type _____ <input type="checkbox"/> EDF, EPA Site ID _____											
Laboratory Notes:											

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The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

# ARL

## A & R Laboratories

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[office@arlaboratories.com](mailto:office@arlaboratories.com)

## Chain of Custody Record

A & R Work Order #:

1212 - 2

Page 2 of 2

Project No/Name:		Project Site: <i>4304 TEMPLE CITY BL</i>				
Project Manager: <i>S. JAVA</i>	Phone:	Fax:				
Customer Name: (Report and Billing) <i>ALPITA ENV.</i>	Street Address: (Report and Billing) <i>(SAME)</i>					
Email:	City, State Zip					
Lab #	Sample ID (As it should appear on report)	Grab/ Comp	Date sampled	Time sampled	Sample matrix	Container # & Type
-11	SG8-15'		1/3/12	14:30	AIR	250ml Glass bulb
-12	SG10-5'			14:53		
-13	SG10-15'			15:21		
-14	SG12-5'			15:46		
-15	SG12-15'			16:14		
-16	SG14-5' DLP			16:34		
-17	SG20-15'			17:05		
-18	SG20-5'			16:47		

1) Relinquished by: (Sampler's Signature) <i>[Signature]</i>	Date: 1/3/12	Time: 17:05	3) Relinquished by:	Date:	Time:	5) Relinquished by:	Date:	Time:	— Disposal —
2) Received by:	Date:	Time:	4) Received by:	Date:	Time:	6) Received for Laboratory by: <i>[Signature]</i>	Date: 1/3/12	Time: 17:05	○ Return
This section is to be completed by laboratory personnel:									
Samples Chilled <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> From Field	Custody Seals <input type="radio"/> Yes <input type="radio"/> No	Samples Intact <input type="radio"/> Yes <input type="radio"/> No	Temp C [Blank]	Delivery <input type="radio"/> Courier <input type="radio"/> Walk In <input type="radio"/> UPS/Fed Ex	Report Delivery Formats <input type="checkbox"/> Paper <input type="checkbox"/> EMAIL <input type="checkbox"/> XLS <input type="checkbox"/> EDD, Type _____ <input type="checkbox"/> EDF, EPA Site ID _____				

Laboratory Notes:

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The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

White Copy - Original (Accompanies Samples)

Yellow Copy - A & R Files

Pink Copy - Client Copy

Turn Around

- 24hr RUSH\*
- 48hr RUSH\*
- Normal
- Other \_\_\_\_\_

\*PRIOR approval,  
additional fee, work  
received after 4 pm will be  
processed next work day.

Special Instructions

*see result  
1212-3 ~ 27*

Unless other  
arrangements are  
made samples will be  
disposed of 60 days  
after receipt